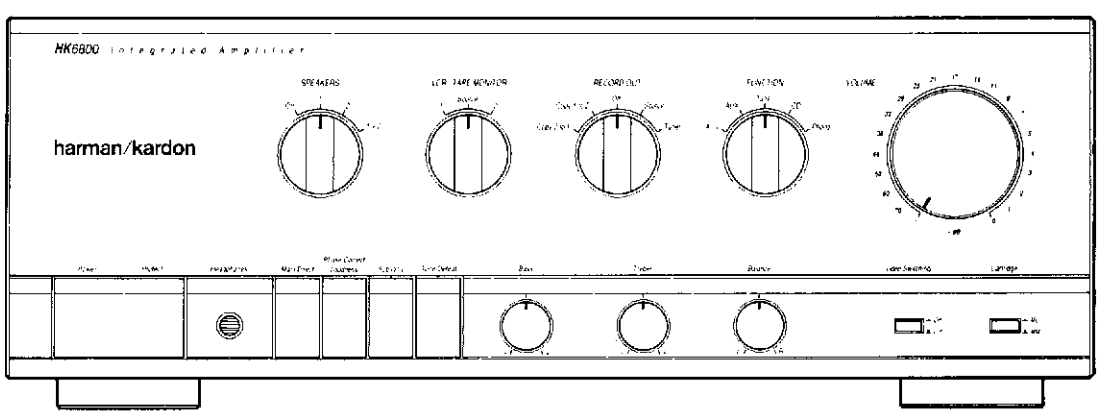
The Harman Kardon Model HK6800

Manual 149A

INTEGRATED AMPLIFIER

HK6800

Technical Manual



The following marks found in the parts list of this manual identify the models as follows.

- (BK) : North America area model Black version
- (G) : German model
- (GB) : German model Black version
- (I) : International model
- (IB) : International model Black version
- (NB) : Japan model Black version
- (S) : Switzerland model
- (SB) : Switzerland model Black version

harman/kardon
240 Crossways Park West, Woodbury, N Y 11797
1112-3152149A2 P-088906 1500 Printed in Japan

SPECIFICATIONS

	Nominal	Limit
Continuous Average Power (FTC)		
20Hz – 20kHz, both channels driven		
8Ω, 0.08% THD	132W	≧120W
4Ω, 1% THD	139W	≧120W
High Instantaneous Current Capability (HCC)	80A	≧70A
Negative Feedback (Overall)	12dB	
Half Power Bandwith	10Hz ~ 100kHz	
Frequency Responce at −3dB	0.26Hz ~ 214kHz*	
Slew Rate	280V/μsec	
Square Wave Rise Time	2μsec	≦2.5μsec
Input Sensitivity		
Video/CD, Tuner	250mV	±25mV
Phono (MM)	2.5mV	±0.3mV*
Phono (MC)	128μV	±20μV*
Signal to Noise Ratio		
Video/CD, Tuner	83dB	≧75dB
Phono (MM)	82.5dB	≧76dB
Phono (MC)	76dB	≧72dB
Channel Separation at 10kHz		
Video/CD	53.5dB	≧43dB
Phono (MM), Tuner	53dB	≧40dB
Phono (MC)	51.5dB	≧40dB
IM Distrotion Ratio	0.07%	≦0.1%
Damping Factor at 1kHz	100	≧70
Tone Control Characteristics		
Bass at 50Hz		
Boost	10dB	±2dB
Cut	10dB	±2dB
Treble at 10kHz		
Boost	10dB	±2dB
Cut	10dB	±2dB

	Nominal	Limit
Filters		
Subsonic	15Hz, 3.5dB	±1dB/Octave
Phase Correct Loudness at 50Hz	6dB	±2dB
DC Output Voltage		
L channel	0mV	±60mV
R channel	0mV	±60mV
RIAA Equalization at Tape Out (20Hz/20kHz) (22kΩ load)	±0.2dB	±0.5dB
Phono Over Load (No load)		
Phono (MM)	163mV	≧120mV
Phono (MC)	7.5mV	≧5mV
Dimensions (W × H × D)	17-1/2'' × 6-5/16'' × 15-15/16'' (443 × 160 × 405mm)	
Weight	34lbs. 13oz. (15.8kg)	
Power Supplies		
North America area model	AC 120V, 60Hz	
International model	AC 220/240V, 50/60Hz	
Japan model	AC 100V, 50/60Hz	
Power Consumption		
North America area model	450W (540VA)	
International model	310W	
Japan model	230W	

* Input Sensitivity for International model are 2.7mV ±0.3mV (MM) and 140μV ±20μV (MC).

* Frequency Responce
International model 1Hz ~ 110kHz

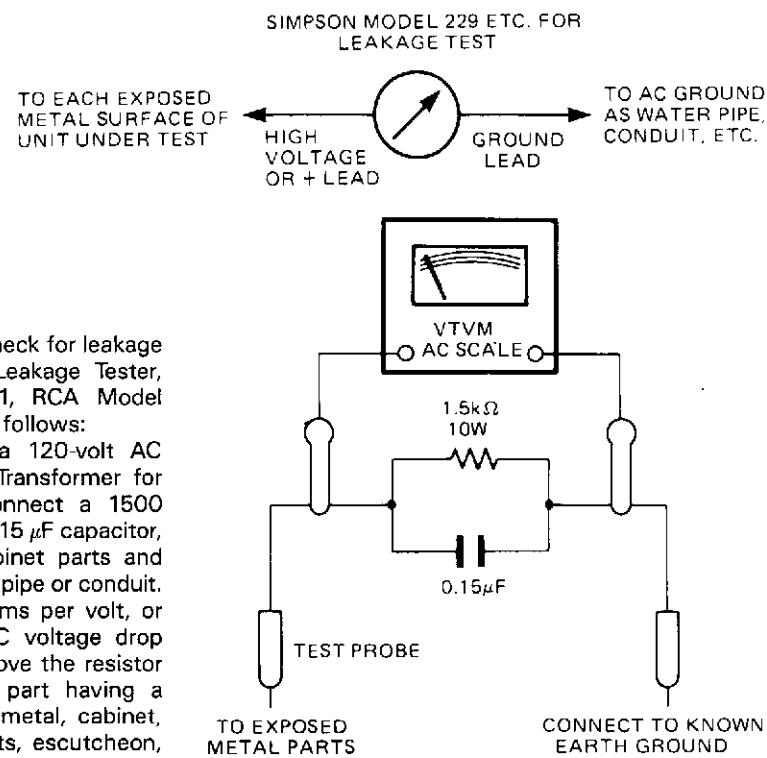
These specifications are service target specs.

Specifications and components subject to change without notice. Overall performance will be maintained or improved.

LEAKAGE TEST (FOR SERVICE ENGINEERS IN THE U.S.A.)

Before returning the unit to the user, perform the following safety checks:

1. Inspect all lead dress to make certain that leads are not pinched or that hardware is not lodged between the chassis and other metal parts in the unit.
2. Be sure that any protective devices such as nonmetallic control knobs, insulating fishpapers, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacity networks, mechanical insulators, etc. which were removed for servicing are properly reinstalled.
3. Be sure that no shock hazard exists; check for leakage current using Simpson Model 229 Leakage Tester, standard equipment item No. 21641, RCA Model WT540A or use alternate method as follows:
   Plug the power cord directly into a 120-volt AC receptacle (do not use an Isolation Transformer for this test). Using two clip leads, connect a 1500 Ohm, 10-watt resistor paralleled by a 0.15 μF capacitor, in series with all exposed metal cabinet parts and a known earth ground, such as a water pipe or conduit. Use a VTVM or VOM with 1000 Ohms per volt, or higher sensitivity to measure the AC voltage drop across the resistor. (See Diagram.) Move the resistor connection to each exposed metal part having a return path to the chassis (antenna, metal, cabinet, screw heads, knobs and control shafts, escutcheon, etc.) and measure the AC voltage drop across the resistor. (This test should be performed with the power switch in both the On and Off positions.)
   A reading of 0.35 volt RMS or more is excessive and indicates a potential shock hazard which must be corrected before returning the unit to the owner.



DISASSEMBLY PROCEDURES (REFER TO PAGES 7 AND 24)

[1] CABINET TOP (131) REMOVAL
Remove 10 screws (A) and then remove the Cabinet Top (131).

[2] FRONT PANEL ASS'Y (AA) REMOVAL
1. Remove the Cabinet Top (131), referring to the previous step [1].
2. Remove 6 screws (B) and then remove the Front Panel Ass'y (AA).

[3] MAIN and DRIVER P. C. BOARDS (PCB-4 to 6) REMOVAL
1. Remove the Cabinet Top (131), referring to the previous step [1].
2. Remove 10 screws (C, D, E and F) and then remove the Main and Driver P. C. Boards (PCB-4 to 6) with the Heat Sink (183 and 184).
   At this time, unsolder the lead wires connected to the Main and Driver P. C. Boards.

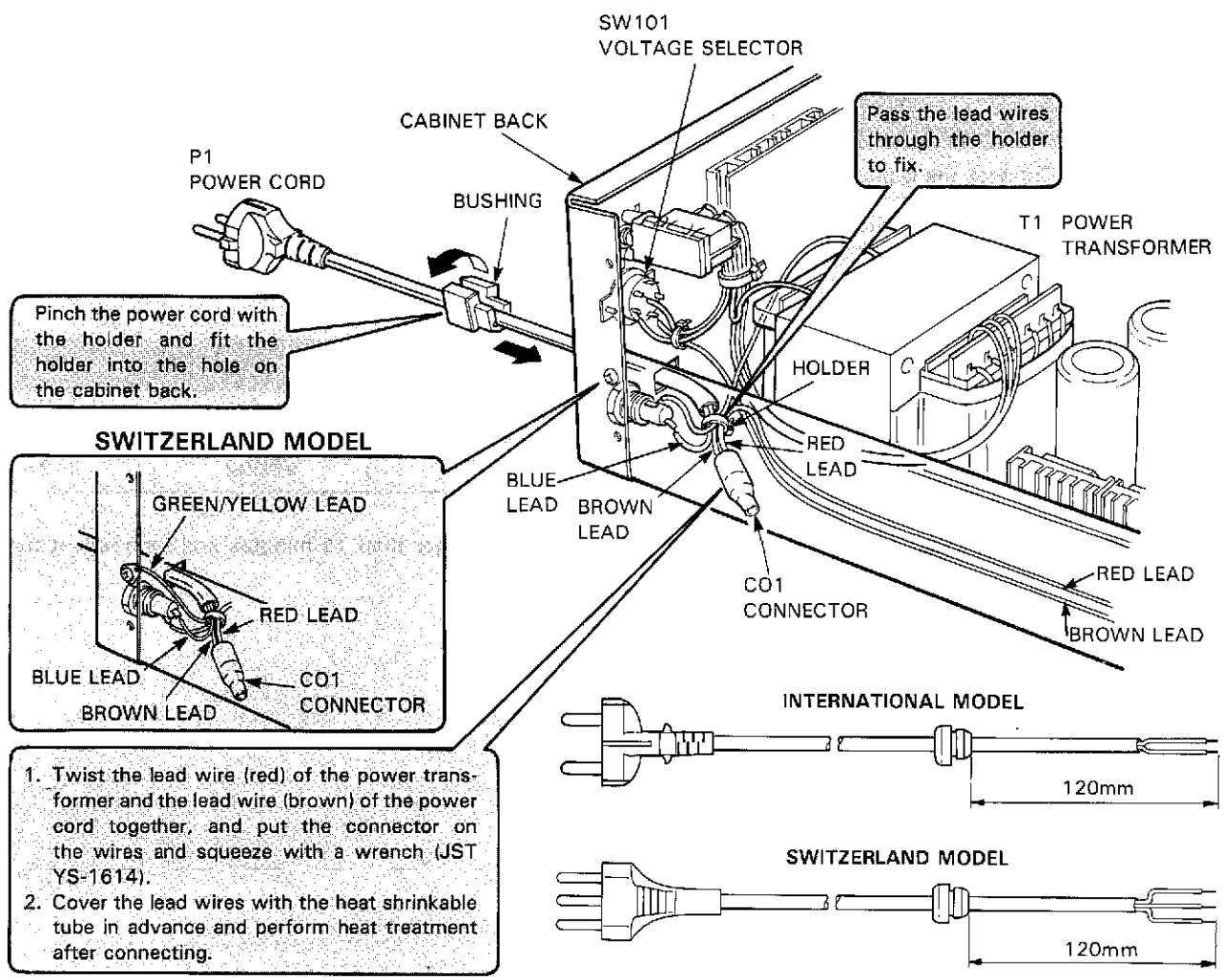
[4] PHONO P. C. BOARD (PCB-1) REMOVAL
1. Remove the Cabinet Top (131), referring to the previous step [1].
2. Pull out the Shaft (230).
3. Remove 5 screws (G, H and I), and then remove the Phono P. C. Board (PCB-1).

[5] CONTROL P. C. BOARD (PCB-3) REMOVAL
1. Remove the Main and Driver P. C. Boards (PCB-4 to 6), referring to the previous step [3].
2. Remove 6 screws (J) and then remove the Control P. C. Board (PCB-3).

[6] TONE P. C. BOARD (PCB-2) REMOVAL
1. Remove the Front Panel Ass'y (AA), referring to the previous step [2].
2. Pull out the 6 Rotary knobs (143 and 144).
3. Remove 6 hexagon nuts (K) and remove 4 screws (L).
4. Remove 14 screws (C, G and M) and the Chassis Ass'y (BA), than the Tone P. C. Board (PCB-2) can be removed. Unsolder the lead wires if necessary when removing each P. C. Board.

POWER CORD REPLACEMENT (FOR SERVICE ENGINEERS OTHER THAN NOTRH AMERICA)

In order to prevent fire or shock hazard when replacing the power cord, follow the procedure below to replace the parts with the standard supply parts.


SW101
VOLTAGE SELECTOR
CABINET BACK
P1
POWER CORD
BUSHING
Pass the lead wires through the holder to fix.
T1 POWER TRANSFORMER
Pinch the power cord with the holder and fit the holder into the hole on the cabinet back.
HOLDER
SWITZERLAND MODEL
GREEN/YELLOW LEAD
RED LEAD
BLUE LEAD
BROWN LEAD
CO1 CONNECTOR
BLUE LEAD
BROWN LEAD
RED LEAD
CO1 CONNECTOR
RED LEAD
BROWN LEAD
INTERNATIONAL MODEL
120mm
SWITZERLAND MODEL
120mm
1. Twist the lead wire (red) of the power transformer and the lead wire (brown) of the power cord together, and put the connector on the wires and squeeze with a wrench (JST YS-1614).
2. Cover the lead wires with the heat shrinkable tube in advance and perform heat treatment after connecting.

ALIGNMENT PROCEDURES (REFER TO PAGES 8, 10, 11, 20 AND 23)

■ Conditions:
- Set the Function selector to the "CD" position.
- Set the Volume control to minimum.
- Set the Speaker selector to the "off" position.
- Make the adjustment at a room temperature of 77°F (25°C).

■ MAIN DRIVER ADJUSTMENT

- Set the Speaker Operating Mode switch to the "8Ω" position.

Step	Connection Equipments	Adjustment	For
1	Connect the Digital Volt Meter to TP401.	VR401	1.0V
2	Connect the Digital Volt Meter to TP402.	VR402	1.0V

■ IDLING CURRENT ADJUSTMENT

Step	Connection Equipments	Adjustment	For
1	Connect the Digital Volt Meter to TP403.	VR405	39mV
2	Connect the Digital Volt Meter to TP404.	VR406	39mV

■ MAIN OFFSET ADJUSTMENT

Step	Connection Equipments	Adjustment	For
1	Connect the Digital Volt Meter to TM11 and TM13.	VR403	0V
2	Connect the Digital Volt Meter to TM12 and TM14.	VR404	0V

■ MAIN OFFSET DC BALANCE CONFIRMATION

- Set the Speaker Operating Mode switch to the "4Ω" position.

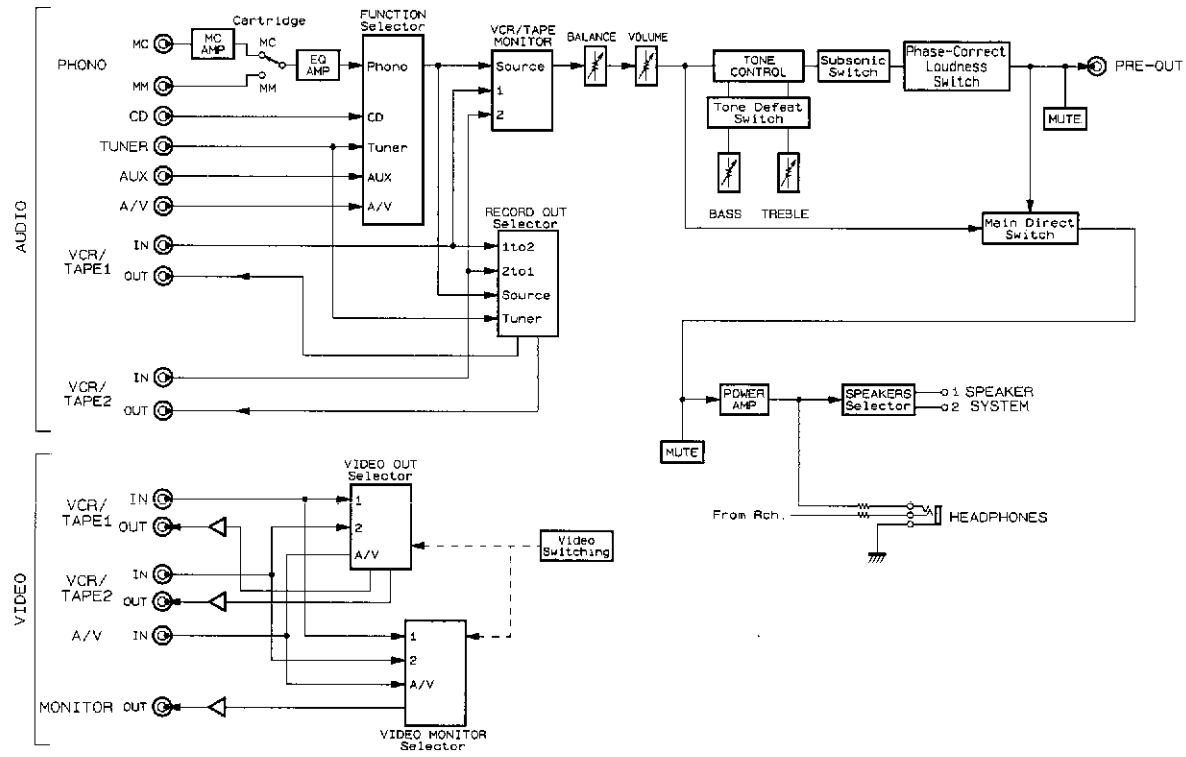
Step	Connection Equipments	For
1	Connect the Digital Volt Meter to TM11 and TM13.	0±60mV
2	Connect the Digital Volt Meter to TM12 and TM14.	0±60mV

■ PHONO DRIVER ADJUSTMENT

Step	Connection Equipments	Adjustment	For
1	Connect the Digital Volt Meter to TP701.	VR601	2.2V
2	Connect the Digital Volt Meter to TP702.	VR602	2.2V

■ After the above adjustment, leave the unit with its power on for longer than 15 minutes and then repeat the same adjustment.

BLOCK DIAGRAM

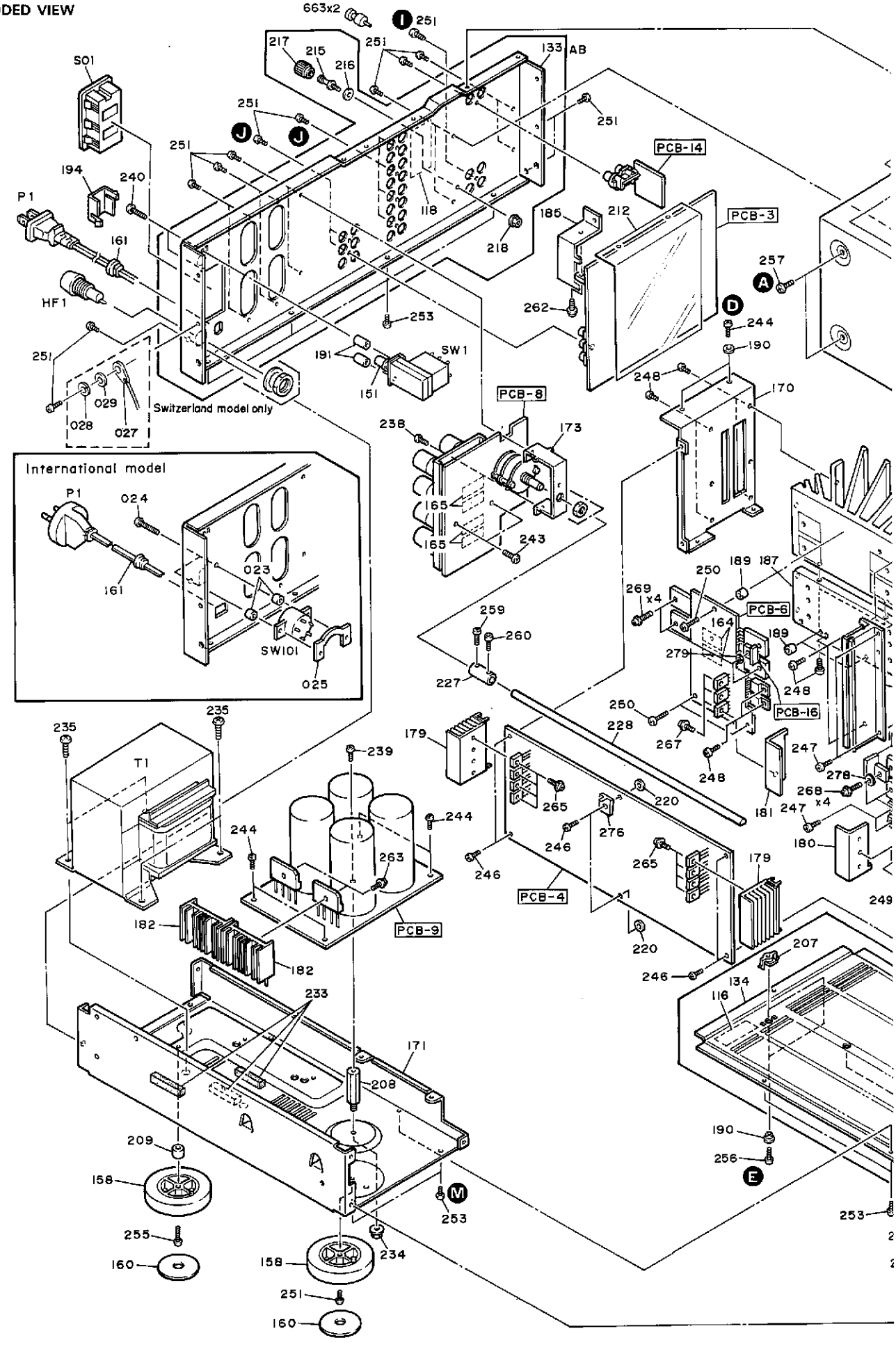


PARTS LIST

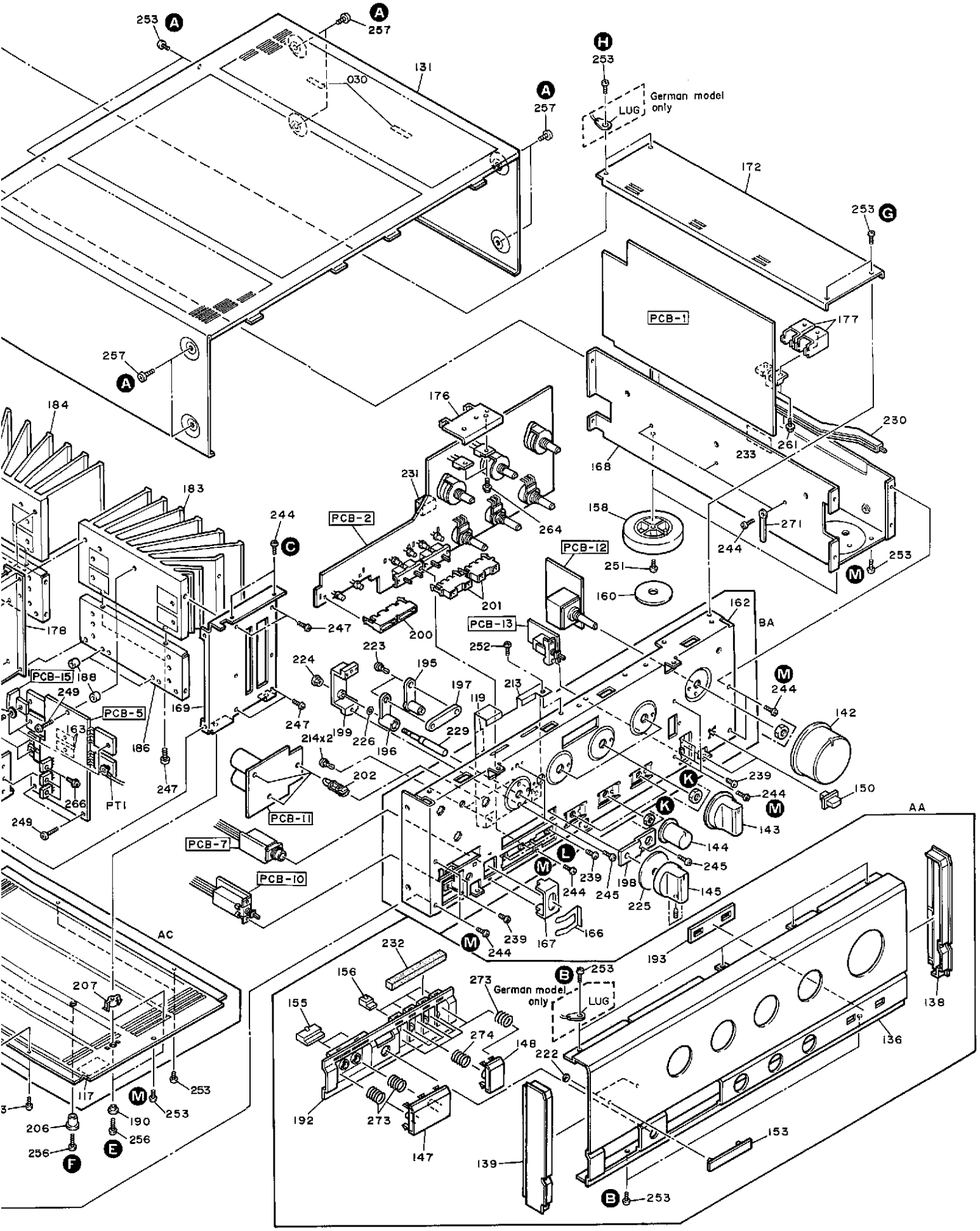
Ref. No.	Part No.	Description
AA	A443-HK6800A	FRONT PANEL ASS'Y G I S
AA	A443-HK6800B	FRONT PANEL ASS'Y BK
AA	A443-HK6800C	FRONT PANEL ASS'Y GB
AA	A443-HK6800D	FRONT PANEL ASS'Y IB
AA	A443-HK6800E	FRONT PANEL ASS'Y NB
AA	A443-HK6800F	FRONT PANEL ASS'Y SB
AB	A424-HK6800A	CABI BACK ASS'Y BK
AB	A424-HK6800C	CABI BACK ASS'Y G
AB	A424-HK6800E	CABI BACK ASS'Y GB
AB	A424-HK6800G	CABI BACK ASS'Y I
AB	A424-HK6800J	CABI BACK ASS'Y IB
AB	A424-HK6800L	CABI BACK ASS'Y BK
AB	A424-HK6800N	CABI BACK ASS'Y S
AB	A424-HK6800Q	CABI BACK ASS'Y SB
AC	A424-HK6800B	CABI BOTTOM ASS'Y BK
AC	A424-HK6800D	CABI BOTTOM ASS'Y G
AC	A424-HK6800F	CABI BOTTOM ASS'Y GB
AC	A424-HK6800H	CABI BOTTOM ASS'Y I
AC	A424-HK6800K	CABI BOTTOM ASS'Y IB
AC	A424-HK6800M	CABI BOTTOM ASS'Y NB
AC	A424-HK6800P	CABI BOTTOM ASS'Y S
AC	A424-HK6800R	CABI BOTTOM ASS'Y SB
BA	B216-HK6800A	SHIELD PLATE ASS'Y
023	2132-7116	SPACER G GB I IB S SB
024	2327-R0130124	SCREW, BND+ (3X12mm) G GB I IB S SB
025	2440-7017	NUT, SPE G GB I IB S SB
026	1756-01402	LABEL,FUSE G GB I IB S SB
027	4211-5005	LUG, GND S SB
028	2412-3022	WASHER, SPRING S SB
029	2401-0373	WASHER, METAL S SB
030	2112-11771	SPONGE G GB I IB S SB
116	1117-76	SERIAL LABEL
117	1751-01018	LABEL, UL BK
118	1756-CSA	LABEL, CSA BK
119	1756-11301	LABEL, FUSE CAUTION
131	1414-14901	CABINET TOP
133	1424-29701	CABI BACK, REAR BK
133	1424-29801	CABI BACK, REAR G GB I IB
133	1424-29702	CABI BACK, REAR NB
133	1424-29803	CABI BACK, REAR S SB
134	1424-29901	CABI BACK, BOTTOM
136	1443-13501	PANEL, FRONT G I S
136	1443-13502	PANEL,FRONT BK GB IB NB SB
138	1562-07701	FRAME, R G I S
138	1562-07702	FRAME,R BK GB IB NB SB
139	1562-07801	FRAME, L G I S
139	1562-07802	FRAME, L BK GB IB NB SB
142	1630-03901	ROTARY KNOB, VOLUME G I S
142	1630-03902	ROTARY KNOB, VOLUME BK GB IB NB SB
143	1630-04001	ROTARY KNOB, FUNCTION G I S
143	1630-04002	ROTARY KNOB, FUNCTION BK GB IB NB SB
144	1630-04101	ROTARY KNOB, BASS/TRE/BAL G I S
144	1630-04102	ROTARY KNOB, BASS/TREBAL BK GB IB NB SB
145	1634-05901	ROTARY KNOB, SPEAKER G I S
145	1634-05902	ROTARY KNOB, SPEAKER BK GB IB NB SB
147	1660-01401	PUSH BUTTON, POWER G I S
147	1660-01402	PUSH BUTTON, POWER BK GB IB NB SB
148	1660-01501	PUSH BUTTON, TONE G I S
148	1660-01502	PUSH BUTTON, TONE BK GB IB NB SB
150	1662-52501VN	PUSH BUTTON, MC/VIDEO G I S
150	1662-52502	PUSH BUTTON, MC/VIDEO BK GB IB NB SB
151	1662-52601	PUSH BUTTON, 4/8 SW
153	1714-02502	NAME PLATE G I S

Ref. No.	Part No.	Description
153	1714-02501	NAME PLATE (BK) (GB) (IB) (NB) (SB)
155	1732-06801	INDICATOR, POWER
156	1732-06901	INDICATOR, TONE
158	1319-02301	LEG
160	2111-244	FELT, LEG
161	2114-71246	BUSHING
162	2211-7308	CHASSIS
163	2218-7038	BRACKET, FIX
164	2218-7038	BRACKET, FIX
165	2218-7038	BRACKET, FIX
166	2218-89	BRACKET, FIX
167	2219-8273	METAL FITTING, H/P
168	2219-8267	METAL FITTING, EQ BOTTOM
169	2219-8268	METAL FITTING, HEAT SINK (L)
170	2219-8269	METAL FITTING, HEAT SINK (R)
171	2219-8266	METAL FITTING, TRANS
172	2219-8271	METAL FITTING, EQ TOP
173	2219-8272	METAL FITTING, SPEAKER SW
176	2222-7179	HEAT SINK, TONE
177	2222-7194	HEAT SINK, EQ
178	2222-7266	HEAT SINK, JOINT
179	2222-7267	HEAT SINK, DRIVER
180	2222-7268	HEAT SINK, MAIN PCB (L)
181	2222-7268	HEAT SINK, MAIN PCB (R)
182	2222-7269	HEAT SINK, SCR
183	2222-7271	HEAT SINK, MAIN (L) (BK) (NB)
183	2222-7278	HEAT SINK, MAIN (L) (G) (GB) (I) (IB) (S) (SB)
184	2222-7274	HEAT SINK, MAIN (R) (BK) (NB)
184	2222-7279	HEAT SINK, MAIN (R) (G) (GB) (I) (IB) (S) (SB)
185	2222-7273	HEAT SINK, VIDEO
186	2222-7275	HEAT SINK
187	2222-7275	HEAT SINK
188	2132-7120	SPACER, MAIN PCB (L)
189	2132-7120	SPACER, MAIN PCB (R)
190	2132-7136	SPACER
191	2132-01003	SPACER, 4/8 SW
192	2240-7367	HOLDER, POWER BUTTON (G) (I) (S)
192	2240-7357	HOLDER, POWER BUTTON (BK) (GB) (IB) (NB) (SB)
193	2240-7368	HOLDER, MC/VIDEO BUTTON (G) (I) (S)
193	2240-7358	HOLDER, MC/VIDEO BUTTON (BK) (GB) (IB) (NB) (SB)
194	2240-7359	HOLDER, 4/8 SW
195	2240-7360	HOLDER, SP SW SHAFT
196	2240-7361	HOLDER, SP KNOB SHAFT
197	2240-7362	HOLDER, LINK
198	2240-7363	HOLDER, SHAFT HOLD (FRONT)
199	2240-7364	HOLDER, SHAFT HOLD (REAR)
200	2240-7365	HOLDER, POWER LED
201	2240-7366	HOLDER, TONE LED
202	2240-7369	HOLDER, SUB PCB
203	2240-7120	HOLDER, WIRING
206	2360-7019	BOSS, SPE
207	2360-7020	BOSS, SPE
208	2362-961410	BOSS, THREAD
209	2363-501724	BOSS, PIPE
212	2224-7132	INSULATOR
213	2216-7184	SHIELD PLATE
214	2459-3005511	RIVET, PLASTIC
215	2310-7036	SCREW, SPE
216	2410-7018	WASHER, SPE
217	2440-7027	NUT, SPE
218	2440-7016	NUT, SPE
220	2402-0374	WASHER, PLASTIC
222	2433-0151	FASTENER, PSH
223	2459-3008011	RIVET, PLASTIC
224	2446-30229	NUT, HEX
225	2111-1387	FELT
226	2403-301	WASHER, POLY
227	2601-7069	SHAFT, SPEAKER JOINT
228	2601-7188	SHAFT, SPEAKER SW
229	2601-7189	SHAFT, SPEAKER KNOB
230	2601-7190	SHAFT, CARTRIDGE
231	2112-11778	SPONGE
232	2112-11800	SPONGE, HOLDER
233	2112-11771	SPONGE
234	2440-7016	NUT, SPE
235	2347-400827	SCREW, BND T+ (4X8mm)
238	2327-R0130062	SCREW, BND+ (3X6mm)
239	2327-R0130062	SCREW, BND+ (3X6mm)
240	2327-R0130164	SCREW, BND+ (3X16mm)
243	2343-300826	SCREW, CSK T+ (3X8mm)
244	2347-R0130062	SCREW, BND T+ (3X6mm)
245	2347-R0130082	SCREW, BND T+ (3X8mm)
246	2347-R0130082	SCREW, BND T+ (3X8mm)
247	2347-R0130082	SCREW, BND T+ (3X8mm)
248	2347-R0130082	SCREW, BND T+ (3X8mm)
249	2347-R0130122	SCREW, BND T+ (3X12mm)
250	2347-R0130122	SCREW, BND T+ (3X12mm)
251	2347-R0130084	SCREW, BND T+ (3X8mm)
252	2347-R0130062	SCREW, BND T+ (3X6mm)
253	2347-R0130064	SCREW, BND T+ (3X6mm)
255	2347-R0130124	SCREW, BND T+ (3X12mm)
256	2347-R0130164	SCREW, BND T+ (3X16mm)
257	2347-R0140084	SCREW, BND T+ (4X8mm)
259	2396-300549	SCREW, SK HEX
260	2396-300549	SCREW, SK HEX
261	2557-300829	SCREW, B SPW+ (3X8mm)
262	2557-300829	SCREW, B SPW+ (3X8mm)
263	2557-300829	SCREW, B SPW+ (3X8mm)
264	2557-300829	SCREW, B SPW+ (3X8mm)
265	2557-300829	SCREW, B SPW+ (3X8mm)
266	2557-300829	SCREW, B SPW+ (3X8mm)
267	2557-300829	SCREW, B SPW+ (3X8mm)
268	2557-301429	SCREW, B SPW+ (3X14mm)
269	2557-301429	SCREW, B SPW+ (3X14mm)
271	2218-R0130	BRACKET, FIX
273	2651-2101729	SPRING
274	2651-2101731	SPRING
276	2219-7945	METAL FITTG
278	2401-0373	WASHER, METAL
279	2401-0373	WASHER, METAL
663	4442-14	PIN PLUG
⚠ P1	4161-04801252	CORD W/PLUG (BK)
⚠ P1	4161-71150	CORD W/PLUG (G) (GB) (I) (IB)
⚠ P1	4161-04901252	CORD W/PLUG (NB)
⚠ P1	4161-71159	CORD W/PLUG (S) (SB)
⚠ T1	5584-S2513	XFORMER, POWER (BK)
⚠ T1	5584-S2514	XFORMER, POWER (G) (GB) (I) (IB) (S) (SB)
⚠ T1	5584-S2515	XFORMER, POWER (NB)
⚠ SO1	4474-156	SOCKET (BK) (NB)
⚠ SW1	4433-01002	SWITCH, PU-PW (BK) (NB)
⚠ SW1	4433-01001	SWITCH, PU-PW (G) (GB) (I) (IB) (S) (SB)
⚠ SW101	4411-102729	SWITCH, ROTARY (G) (GB) (I) (IB) (S) (SB)
⚠ F1	5732-632029	FUSE (BK)
⚠ F1	5732-312030	FUSE (G) (GB) (I) (IB) (S) (SB)
⚠ F1	5732-632056	FUSE (NB)
⚠ HF1	4472-014	HOLDER, FUSE (BK) (NB)
⚠ HF1	4472-7118	HOLDER, FUSE (G) (GB) (I) (IB) (S) (SB)
LUG	4211-4	LUG (G) (GB)
PT1	5192-00104	POSISTOR

GENERAL UNIT
EXPLODED VIEW



	F	G	H	I	J


253
257
131
030
German model only
LUG
172
PCB-1
177
176
184
230
261
233
168
231
183
244
PCB-2
264
158
271
PCB-12
251
253
160
162
BA
178
247
200
201
PCB-13
252
223
224
195
197
213
PCB-15
188
249
PCB-5
169
119
142
163
186
199
226
196
229
214x2
202
239
150
266
PTI
PCB-11
143
144
PCB-7
245
198
225
145
PCB-10
AA
166
167
193
232
156
207
273
155
274
148
222
138
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192
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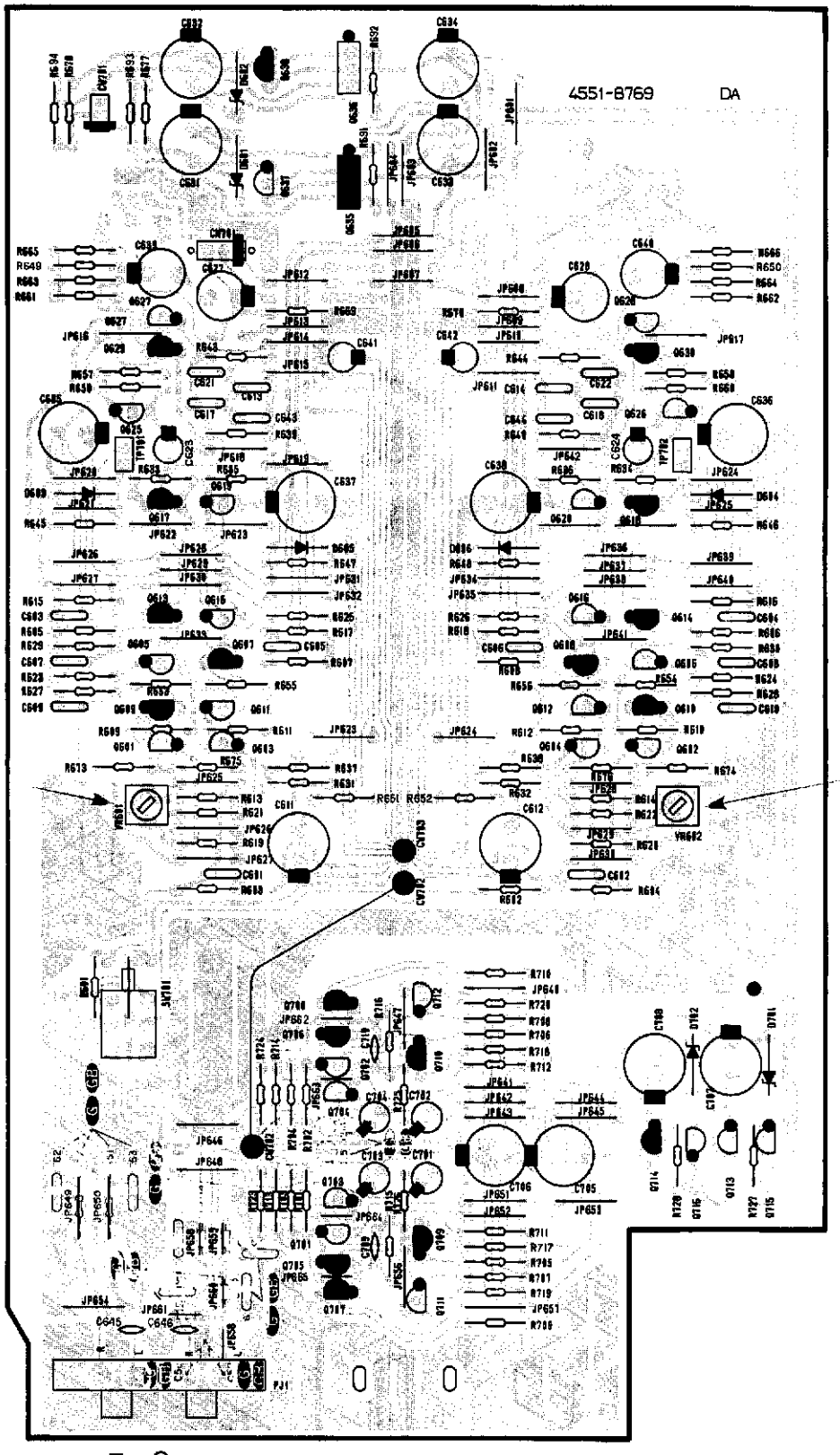
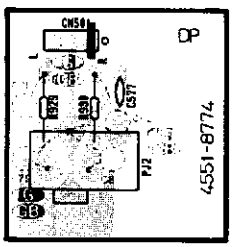
153
117
190
206
256
AC

P. C. BOARDS

PCB-1 Phono P. C. Board

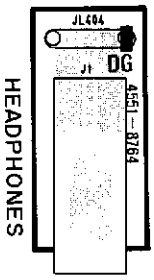


PCB-14 Pre Out P. C. Board



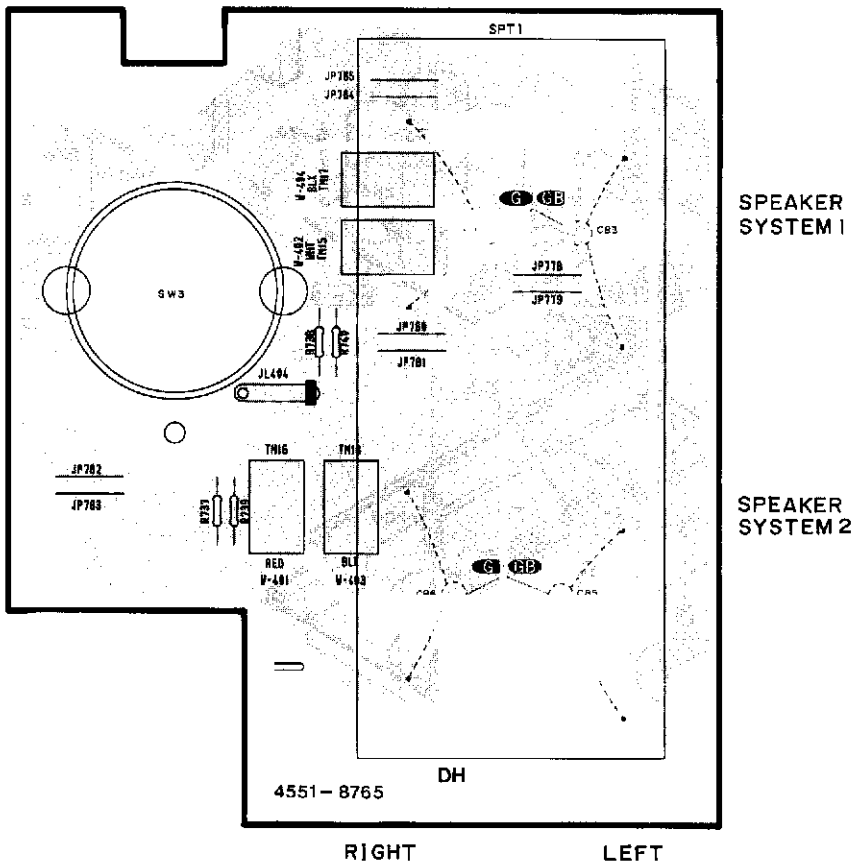
PRE-OUT

PCB-7 Headphone P. C. Board



HEADPHONES

PCB-8 Speaker P. C. Board



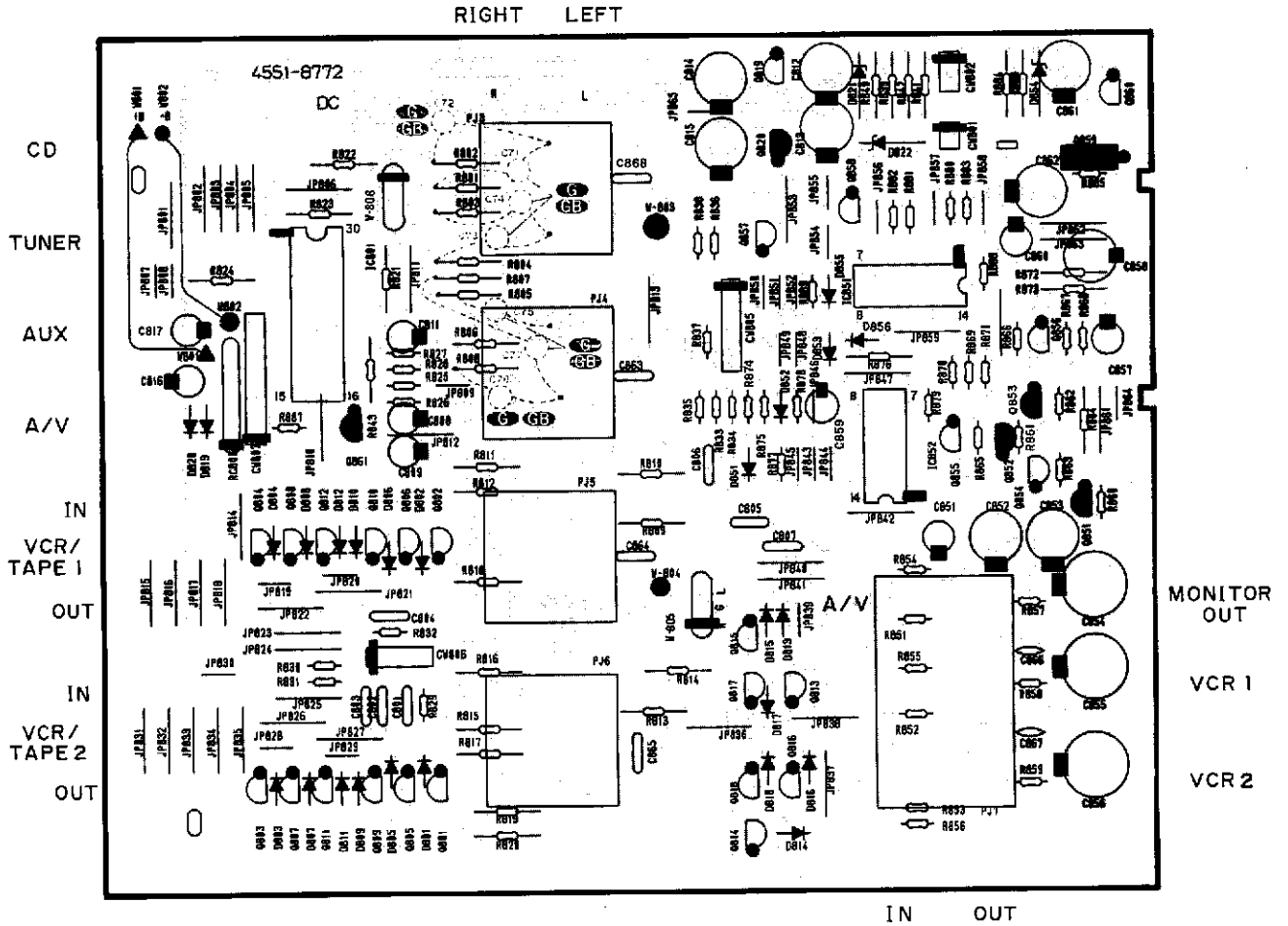
SPEAKERS

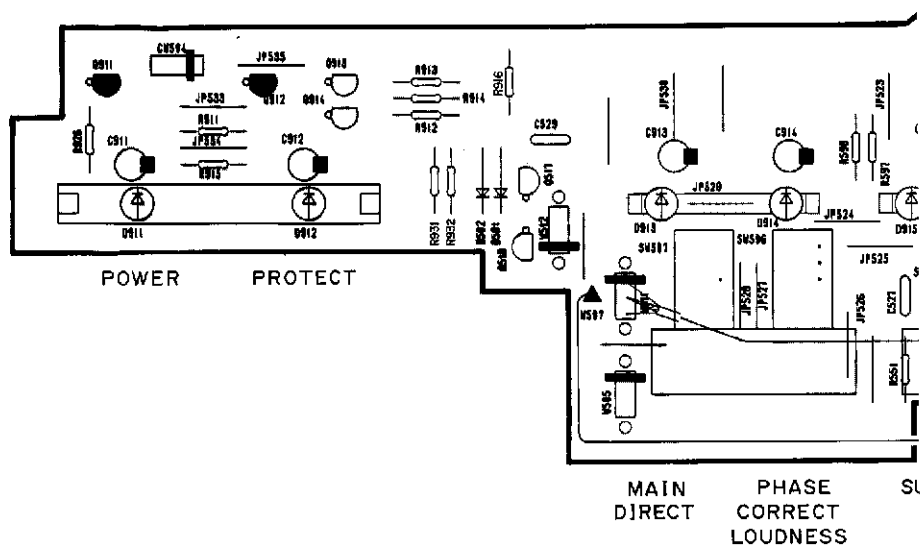
SPEAKER SYSTEM 1

SPEAKER SYSTEM 2

P. C. BOARDS

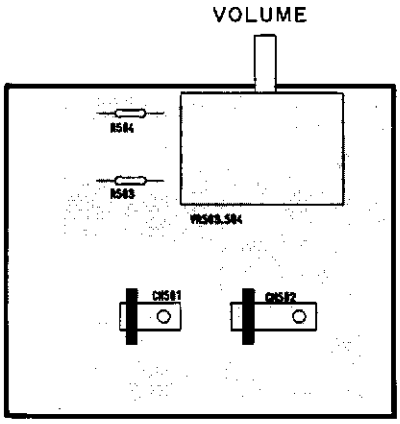
PCB-3 **Control P. C. Board**



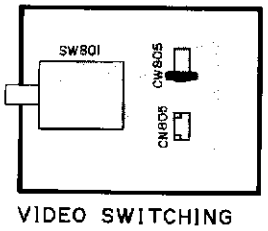


F G H I J

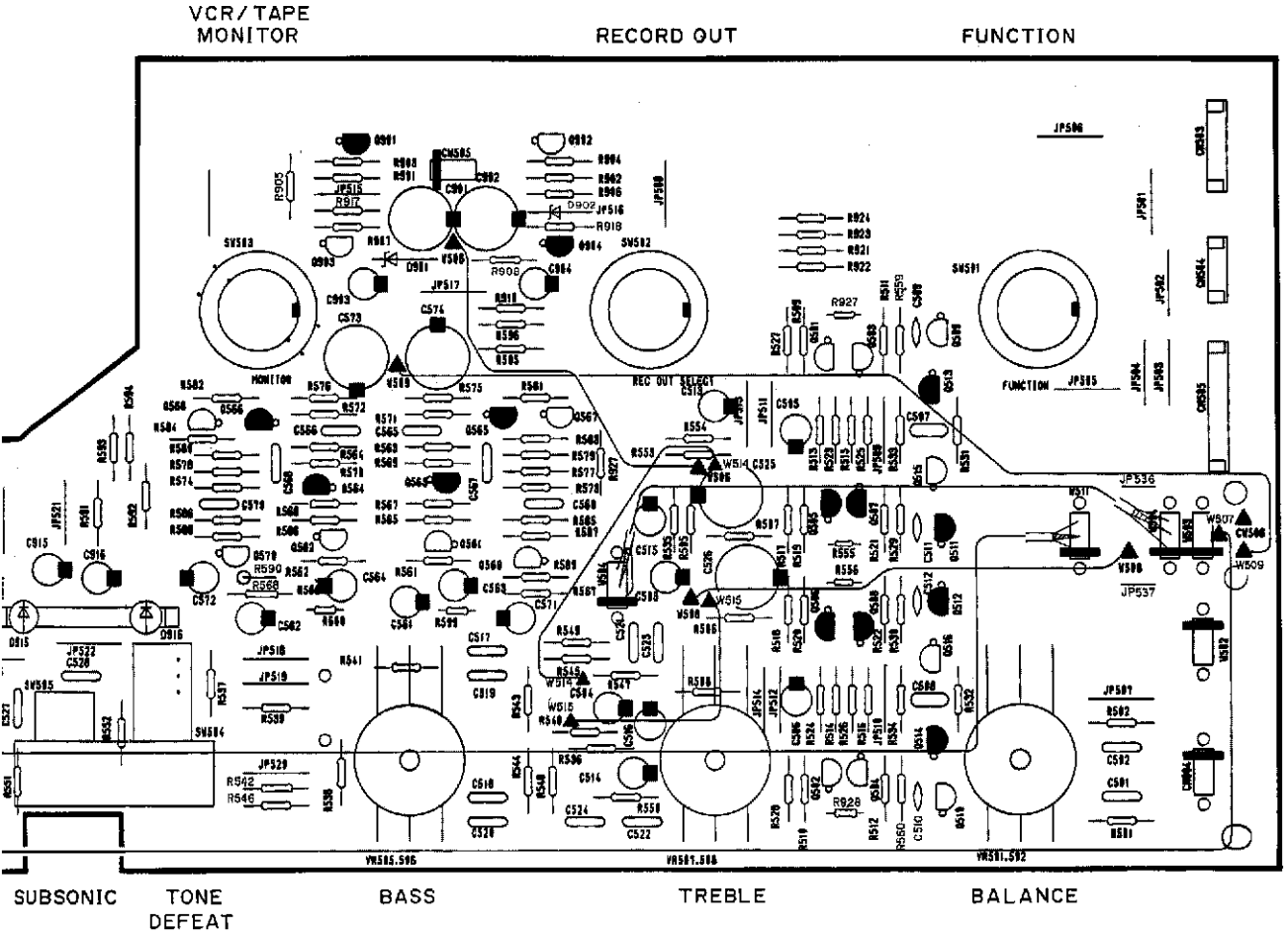
PCB-12 Volume P. C. Board



PCB-13 V/D Switch P. C. Board

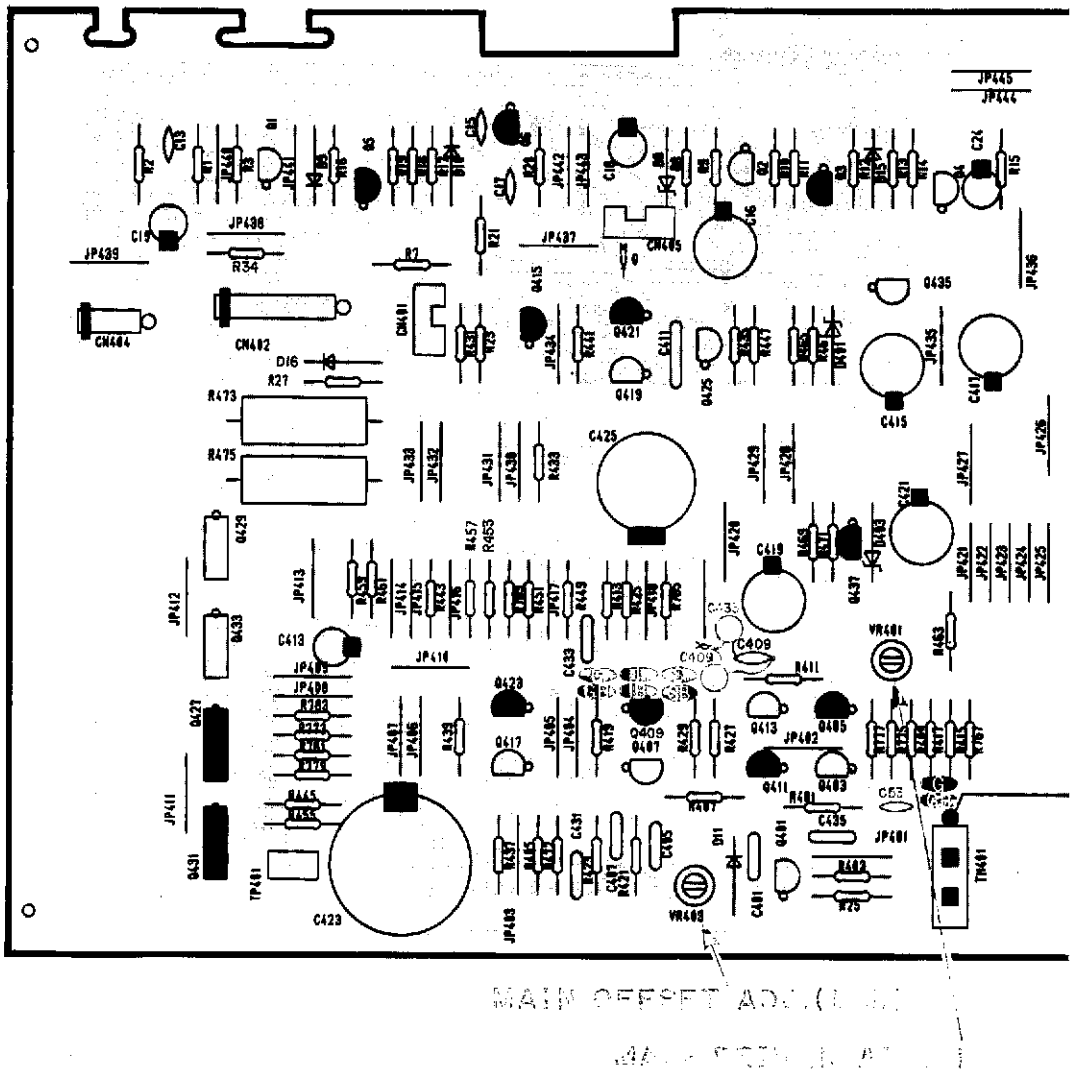


PCB-2 Tone P. C. Board

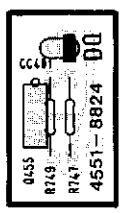


P. C. BOARDS

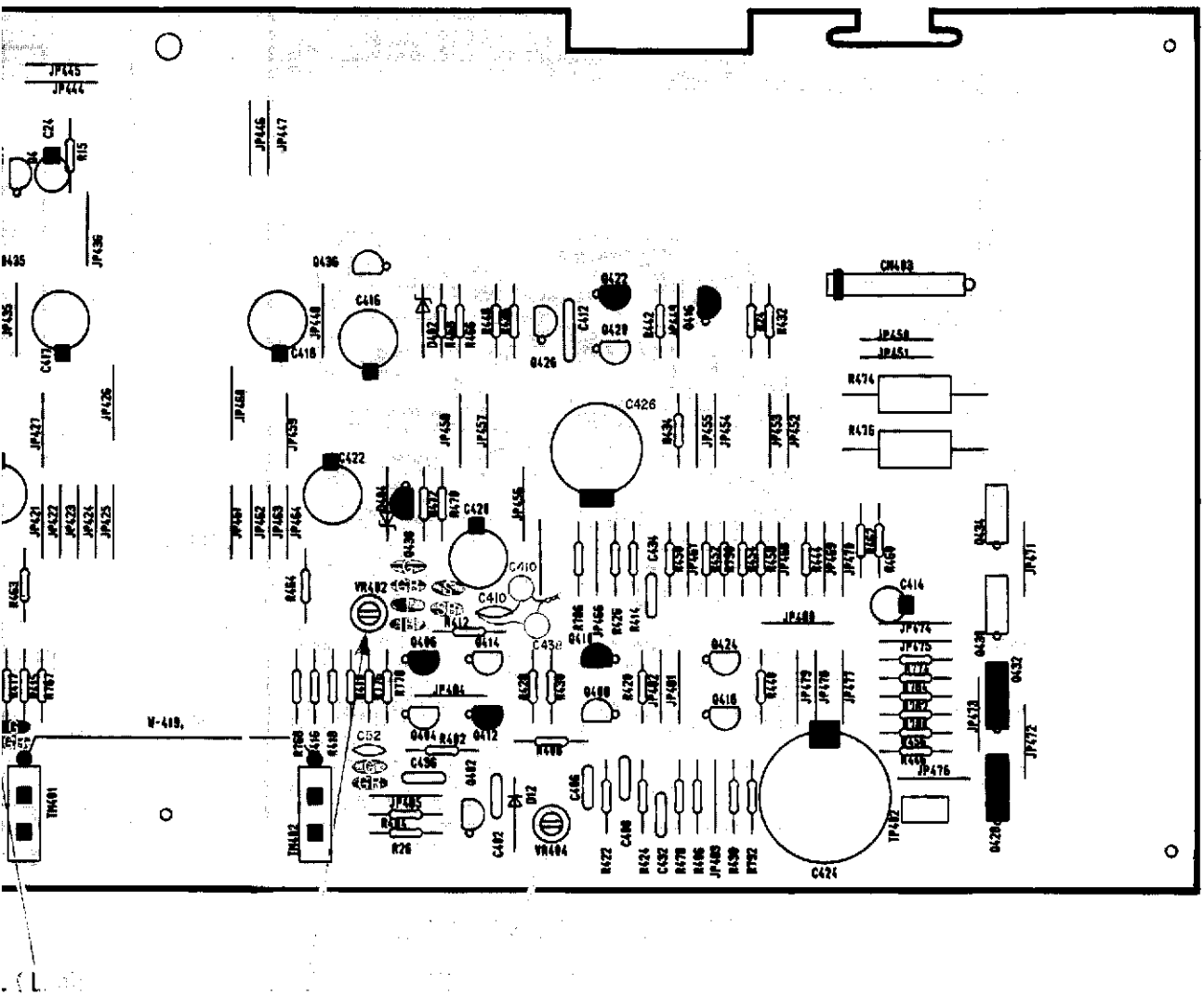
PCB-4 Driver P. C. Board



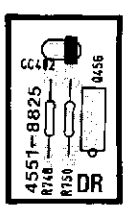
PCB-15 Terminal L P. C. Board



E	F	G	H	I	J

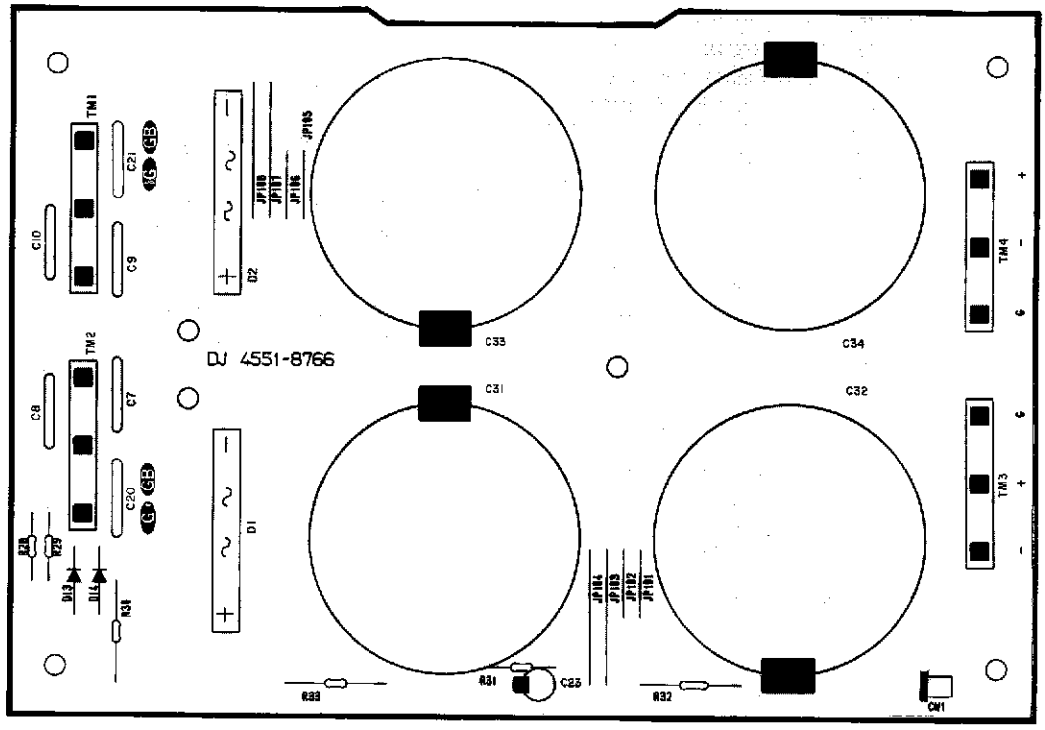


PCB-16 Terminal R P.C. Board

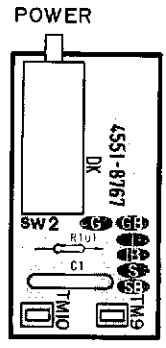


P. C. BOARDS

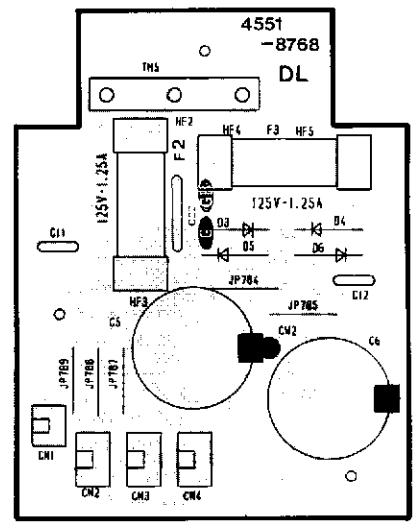
PCB-9 Main Power Supply P. C. Board



PCB-10 Power Switch P. C. Board

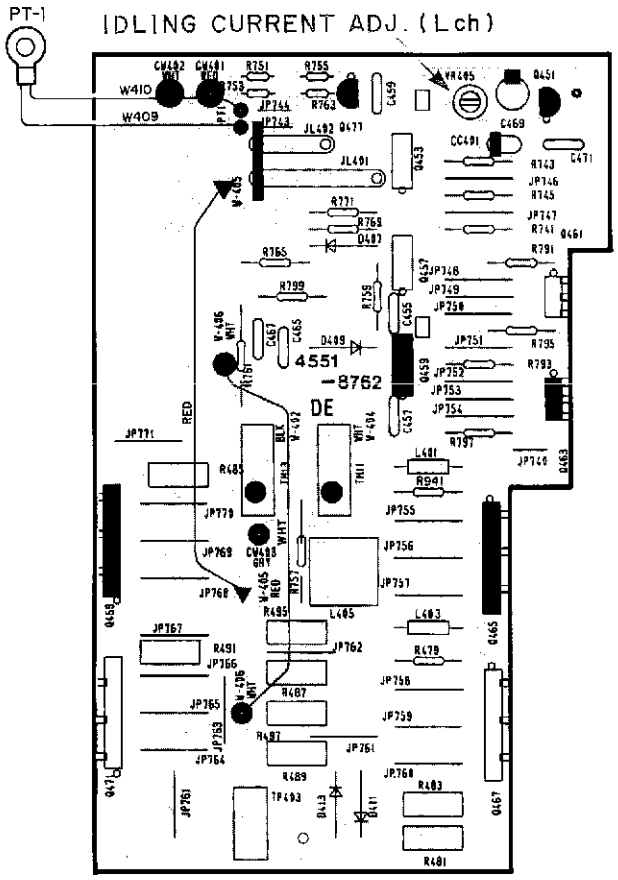


PCB-11 Sub Power Supply P. C. Board

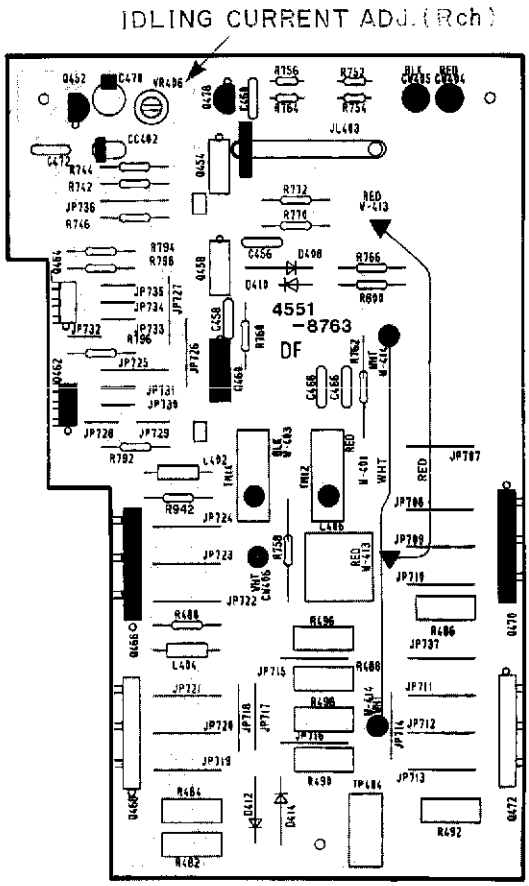


F	G	H	I	J

PCB-5 **Main Lch P. C. Board**



PCB-6 **Main Rch P. C. Board**



ELECTRICAL PARTS LIST

PCB-1 PHONO P.C.BOARD

CAPACITORS

Ser.No	Ref. No.	Part No.	Description
059B	C54	5353-470534	CAP, MCA 47p G GB
059B	C55	5353-470534	CAP, MCA 47p G GB
060B	C56	5359-1035851	CAP, PPP .01µ G GB
060B	C57	5359-1035851	CAP, PPP .01µ G GB
060B	C58	5359-1035851	CAP, PPP .01µ G GB
060B	C59	5359-1035851	CAP, PPP .01µ G GB
061B	C60	5359-4725851	CAP, PPP 4700p G GB
061B	C61	5359-4725851	CAP, PPP 4700p G GB
062B	C62	5359-1215851	CAP, PPP 120p G GB
062B	C63	5359-1215851	CAP, PPP 120p G GB
334	C601	5359-1215851	CAP, PPP 120p
334B	C601	5353-820534	CAP, MCA 82p G GB
334	C602	5359-1215851	CAP, PPP 120p
334B	C602	5353-820534	CAP, MCA 82p G GB
335	C603	5359-2215851	CAP, PPP 220p
335	C604	5359-2215851	CAP, PPP 220p
335	C605	5359-2215851	CAP, PPP 220p
335	C606	5359-2215851	CAP, PPP 220p
341	C607	5354-224593	CAP, MYL .22µ
341	C608	5354-224593	CAP, MYL .22µ
341	C609	5354-224593	CAP, MYL .22µ
341	C610	5354-224593	CAP, MYL .22µ
333	C611	5345-477A0952	CAP, MINI ELE 470µ/6.3V
333	C612	5345-477A0952	CAP, MINI ELE 470µ/6.3V
336	C613	5359-1035851	CAP, PPP .01µ
336	C614	5359-1035851	CAP, PPP .01µ
340	C617	5359-2715851	CAP, PPP 270p
340	C618	5359-2715851	CAP, PPP 270p
337	C621	5359-3325851	CAP, PPP 3300p
337	C622	5359-3325851	CAP, PPP 3300p
332	C623	5345-106C0951	CAP, MINI ELE 10µ/16V
332	C624	5345-106C0951	CAP, MINI ELE 10µ/16V
331	C627	5345-476C0951	CAP, MINI ELE 47µ/16V
331	C628	5345-476C0951	CAP, MINI ELE 47µ/16V
392	C631	5345-227F045	CAP, MINI ELE 220µ/50V
392	C632	5345-227F045	CAP, MINI ELE 220µ/50V
392	C633	5345-227F045	CAP, MINI ELE 220µ/50V
392	C634	5345-227F045	CAP, MINI ELE 220µ/50V
330	C635	5345-227F045	CAP, MINI ELE 220µ/50V
330	C636	5345-227F045	CAP, MINI ELE 220µ/50V
330	C637	5345-227F045	CAP, MINI ELE 220µ/50V
330	C638	5345-227F045	CAP, MINI ELE 220µ/50V
331	C639	5345-476C0951	CAP, MINI ELE 47µ/16V
331	C640	5345-476C0951	CAP, MINI ELE 47µ/16V
329	C641	5345-336C0951	CAP, MINI ELE 33µ/16V
329	C642	5345-336C0951	CAP, MINI ELE 33µ/16V
338	C643	5359-8215851	CAP, PPP 820p
338	C644	5359-8215851	CAP, PPP 820p
664	C645	5361-103KB	CAP, CER .01µ
664	C646	5361-103KB	CAP, CER .01µ
298	C701	5345-226B0951	CAP, MINI ELE 22µ/10V
298	C702	5345-226B0951	CAP, MINI ELE 22µ/10V
298	C703	5345-226B0951	CAP, MINI ELE 22µ/10V
298	C704	5345-226B0951	CAP, MINI ELE 22µ/10V
320	C705	5345-227D041	CAP, MINI ELE 220µ/25V
320	C706	5345-227D041	CAP, MINI ELE 220µ/25V
320	C707	5345-227D041	CAP, MINI ELE 220µ/25V
320	C708	5345-227D041	CAP, MINI ELE 220µ/25V
311	C709	5353-050934	CAP, MCA 5p
311	C710	5353-050934	CAP, MCA 5p

RESISTORS

Ser.No	Ref. No.	Part No.	Description
063B	R51	5135-102522	RES, CBN 1/2P 1K G GB
063B	R52	5135-102522	RES, CBN 1/2P 1K G GB
344	R601	5135-470522	RES, CBN 1/2P 47
344B	R601	5135-102522	RES, CBN 1/2P 1K G GB
344	R602	5135-470522	RES, CBN 1/2P 47
344B	R602	5135-102522	RES, CBN 1/2P 1K G GB
345	R603	5135-473522	RES, CBN 1/2P 47K
345	R604	5135-473522	RES, CBN 1/2P 47K
363	R605	5174-102381	RES, MTL 1/4P 1K
363	R606	5174-102381	RES, MTL 1/4P 1K
363	R607	5174-102381	RES, MTL 1/4P 1K
363	R608	5174-102381	RES, MTL 1/4P 1K
359	R609	5135-221522	RES, CBN 1/2P 220
359	R610	5135-221522	RES, CBN 1/2P 220
359	R611	5135-221522	RES, CBN 1/2P 220
359	R612	5135-221522	RES, CBN 1/2P 220
350	R613	5135-330522	RES, CBN 1/2P 33
350	R614	5135-330522	RES, CBN 1/2P 33
361	R615	5135-331522	RES, CBN 1/2P 330
361	R616	5135-331522	RES, CBN 1/2P 330
361	R617	5135-331522	RES, CBN 1/2P 330
361	R618	5135-331522	RES, CBN 1/2P 330
360	R619	5135-680522	RES, CBN 1/2P 68
360	R620	5135-680522	RES, CBN 1/2P 68
360	R621	5135-680522	RES, CBN 1/2P 68
360	R622	5135-680522	RES, CBN 1/2P 68
349	R623	5135-105522	RES, CBN 1/2P 1M
349	R624	5135-105522	RES, CBN 1/2P 1M
349	R625	5135-105522	RES, CBN 1/2P 1M
349	R626	5135-105522	RES, CBN 1/2P 1M
351	R627	5135-334522	RES, CBN 1/2P 330K
351	R628	5135-334522	RES, CBN 1/2P 330K
351	R629	5135-334522	RES, CBN 1/2P 330K
351	R630	5135-334522	RES, CBN 1/2P 330K
364	R631	5174-221381	RES, MTL 1/4P 220
364	R632	5174-221381	RES, MTL 1/4P 220
362	R633	5135-102522	RES, CBN 1/2P 1K
362	R634	5135-102522	RES, CBN 1/2P 1K
362	R635	5135-102522	RES, CBN 1/2P 1K
362	R636	5135-102522	RES, CBN 1/2P 1K
357	R637	5135-181522	RES, CBN 1/2P 180
357	R638	5135-181522	RES, CBN 1/2P 180
367	R639	5174-434381	RES, MTL 1/4P 430K
367	R640	5174-434381	RES, MTL 1/4P 430K
365	R643	5174-223381	RES, MTL 1/4P 22K
365	R644	5174-223381	RES, MTL 1/4P 22K
369	R645	5174-221381	RES, MTL 1/4P 220
369	R646	5174-221381	RES, MTL 1/4P 220
369	R647	5174-221381	RES, MTL 1/4P 220
369	R648	5174-221381	RES, MTL 1/4P 220
346	R649	5135-683522	RES, CBN 1/2P 68K
346	R650	5135-683522	RES, CBN 1/2P 68K
347	R651	5135-333522	RES, CBN 1/2P 33K
347	R652	5135-333522	RES, CBN 1/2P 33K
348	R653	5135-101522	RES, CBN 1/2P 100
348	R654	5135-101522	RES, CBN 1/2P 100
348	R655	5135-101522	RES, CBN 1/2P 100
348	R656	5135-101522	RES, CBN 1/2P 100
355	R657	5135-182522	RES, CBN 1/2P 1.8K
355	R658	5135-182522	RES, CBN 1/2P 1.8K
354	R659	5135-102522	RES, CBN 1/2P 1K
354	R660	5135-102522	RES, CBN 1/2P 1K
356	R661	5135-470522	RES, CBN 1/2P 47
356	R662	5135-470522	RES, CBN 1/2P 47
356	R663	5135-470522	RES, CBN 1/2P 47
356	R664	5135-470522	RES, CBN 1/2P 47
354	R665	5135-102522	RES, CBN 1/2P 1K
354	R666	5135-102522	RES, CBN 1/2P 1K
358	R669	5135-104522	RES, CBN 1/2P 100K
358	R670	5135-104522	RES, CBN 1/2P 100K
348	R673	5135-101522	RES, CBN 1/2P 100
348	R674	5135-101522	RES, CBN 1/2P 100
348	R675	5135-101522	RES, CBN 1/2P 100
348	R676	5135-101522	RES, CBN 1/2P 100
394	R677	5135-182522	RES, CBN 1/2P 1.8K
394	R678	5135-182522	RES, CBN 1/2P 1.8K
395	R691	5135-102522	RES, CBN 1/2P 1K
395	R692	5135-102522	RES, CBN 1/2P 1K
398	⚠ R693	5102-1005116	RES, FUSE 10

Ser.No	Ref. No.	Part No.	Description
398	⚠R694	5102-1005116	RES, FUSE 10
301	R701	5135-1R0522	RES, CBN 1/2P 1
301B	R701	5135-5R6522	RES, CBN 1/2P 5.6 G GB
301	R702	5135-1R0522	RES, CBN 1/2P 1
301B	R702	5135-5R6522	RES, CBN 1/2P 5.6 G GB
302	R703	5135-560522	RES, CBN 1/2P 56
302	R704	5135-560522	RES, CBN 1/2P 56
308	R705	5174-471381	RES, MTL 1/4P 470
308	R706	5174-471381	RES, MTL 1/4P 470
308	R707	5174-471381	RES, MTL 1/4P 470
308	R708	5174-471381	RES, MTL 1/4P 470
303	R709	5135-332522	RES, CBN 1/2P 3.3K
303	R710	5135-332522	RES, CBN 1/2P 3.3K
303	R711	5135-332522	RES, CBN 1/2P 3.3K
303	R712	5135-332522	RES, CBN 1/2P 3.3K
310	R713	5174-390381	RES, MTL 1/4P 39
310	R714	5174-390381	RES, MTL 1/4P 39
309	R715	5174-911381	RES, MTL 1/4P 910
309	R716	5174-911381	RES, MTL 1/4P 910
304	R717	5135-820522	RES, CBN 1/2P 82
304	R718	5135-820522	RES, CBN 1/2P 82
304	R719	5135-820522	RES, CBN 1/2P 82
304	R720	5135-820522	RES, CBN 1/2P 82
305	R723	5135-562522	RES, CBN 1/2P 5.6K
305	R724	5135-562522	RES, CBN 1/2P 5.6K
306	R725	5135-331522	RES, CBN 1/2P 330
306	R726	5135-331522	RES, CBN 1/2P 330
318	⚠R727	5102-1005116	RES, FUSE 10
318	⚠R728	5102-1005116	RES, FUSE 10

TRANSISTORS

322	Q601	5616-2SK170BL	FET, N-CH
322	Q602	5616-2SK170BL	FET, N-CH
321	Q603	5615-2SJ74(BL	FET, P-CH
321	Q604	5615-2SJ74(BL	FET, P-CH
326	Q605	5613-1844(E)	XISTOR, NPN R
326	Q606	5613-1844(E)	XISTOR, NPN R
325	Q607	5611-991(E)	XISTOR, PNP R
325	Q608	5611-991(E)	XISTOR, PNP R
323	Q609	5611-999L(F)	XISTOR, PNP R
323	Q610	5611-999L(F)	XISTOR, PNP R
324	Q611	5613-2320L(F)	XISTOR, NPN R
324	Q612	5613-2320L(F)	XISTOR, NPN R
323	Q613	5611-999L(F)	XISTOR, PNP R
323	Q614	5611-999L(F)	XISTOR, PNP R
324	Q615	5613-2320L(F)	XISTOR, NPN R
324	Q616	5613-2320L(F)	XISTOR, NPN R
327	Q617	5612-646A(C)	XISTOR, PNP A
327	Q618	5612-646A(C)	XISTOR, PNP A
328	Q619	5614-666A(C)	XISTOR, NPN A
328	Q620	5614-666A(C)	XISTOR, NPN A
324	Q625	5613-2320L(F)	XISTOR, NPN R
324	Q626	5613-2320L(F)	XISTOR, NPN R
328	Q627	5614-666A(C)	XISTOR, NPN A
328	Q628	5614-666A(C)	XISTOR, NPN A
327	Q629	5612-646A(C)	XISTOR, PNP A
327	Q630	5612-646A(C)	XISTOR, PNP A
384	Q635	5612-941(P)	XISTOR, PNP A
385	Q636	5614-1266(P)	XISTOR, NPN A
387	Q637	5613-2320L(F)	XISTOR, NPN R
386	Q638	5611-999L(F)	XISTOR, PNP R
292	Q701	5613-1844(E)	XISTOR, NPN R
292	Q702	5613-1844(E)	XISTOR, NPN R
292	Q703	5613-1844(E)	XISTOR, NPN R
292	Q704	5613-1844(E)	XISTOR, NPN R
291	Q705	5611-991(E)	XISTOR, PNP R
291	Q706	5611-991(E)	XISTOR, PNP R
291	Q707	5611-991(E)	XISTOR, PNP R
291	Q708	5611-991(E)	XISTOR, PNP R
293	Q709	5611-999L(F)	XISTOR, PNP R
293	Q710	5611-999L(F)	XISTOR, PNP R
294	Q711	5613-2320L(F)	XISTOR, NPN R
294	Q712	5613-2320L(F)	XISTOR, NPN R
315	Q713	5614-667A(C)	XISTOR, NPN A
314	Q714	5612-647A(C)	XISTOR, PNP A
316	Q715	5616-2SK246G1	FET, N-CH
316	Q716	5616-2SK246G1	FET, N-CH

CONTROLS

343	VR601	5101-S0401332	RES, SEMI FIX 3.3K
343	VR602	5101-S0401332	RES, SEMI FIX 3.3K

COILS

065B	L701	5597-3	CORE, BEADS G GB
065B	L702	5597-3	CORE, BEADS G GB
065B	L703	5597-3	CORE, BEADS G GB
065B	L704	5597-3	CORE, BEADS G GB

DIODES

389	D601	5635-HZ24-1L	DIODE, ZENER
389	D602	5635-HZ24-1L	DIODE, ZENER
372	D603	5631-1S2473	DIODE, DET
372	D604	5631-1S2473	DIODE, DET
372	D605	5631-1S2473	DIODE, DET
372	D606	5631-1S2473	DIODE, DET
317	D701	5635-HZ15-2L	DIODE, ZENER
317	D702	5635-HZ15-2L	DIODE, ZENER

MISCELLANEOUS

795	CN701	4443-030185	CONNECTOR
794	CW701	4163-S0203551	CONNECTOR W/W
797	CW702	4163-0109040	CONNECTOR W/W
798	CW703	4163-0190039	CONNECTOR W/W
658	⚠PJ1	4489-03001004	PIN JACK, 4P
911	SW701	4431-S0302102	SWITCH, PUSH
796	TP701	4443-027114	CONNECTOR
796	TP702	4443-027114	CONNECTOR

PCB-2 TONE P.C.BOARD

CAPACITORS

881	C501	5359-1015851	CAP, PPP 100p
881	C502	5359-1015851	CAP, PPP 100p
811	C503	5345-106C0951	CAP, MINI ELE 10μ/16V
811	C504	5345-106C0951	CAP, MINI ELE 10μ/16V
807	C505	5345-107B0951	CAP, MINI ELE 100μ/10V
808	C506	5345-107B0951	CAP, MINI ELE 100μ/10V
814	C507	5353-020934	CAP, MCA 2p
814	C508	5353-020934	CAP, MCA 2p
813	C509	5353-680534	CAP, MCA 68p
813	C510	5353-680534	CAP, MCA 68p
813	C511	5353-680534	CAP, MCA 68p
813	C512	5353-680534	CAP, MCA 68p
809	C513	5345-476C0951	CAP, MINI ELE 47μ/16V
809	C514	5345-476C0951	CAP, MINI ELE 47μ/16V
810	C515	5345-226D0951	CAP, MINI ELE 22μ/25V
810	C516	5345-226D0951	CAP, MINI ELE 22μ/25V
818	C517	5354-273J1HM	CAP, MYL .027μ
818	C518	5354-273J1HM	CAP, MYL .027μ
816	C519	5354-154593	CAP, MYL .15μ
816	C520	5354-154593	CAP, MYL .15μ
819	C521	5354-682J1HM	CAP, MYL 6800p
819	C522	5354-682J1HM	CAP, MYL 6800p
817	C523	5354-393J1HM	CAP, MYL .039μ
817	C524	5354-393J1HM	CAP, MYL .039μ
812	C525	5345-227F045	CAP, MINI ELE 220μ/50V
812	C526	5345-227F045	CAP, MINI ELE 220μ/50V
880	C527	5354-394593	CAP, MYL .39μ
880	C528	5354-394593	CAP, MYL .39μ
882	C529	5359-S010J102	CAP, PPP 1000p
838	C561	5345-106C0951	CAP, MINI ELE 10μ/16V
838	C562	5345-106C0951	CAP, MINI ELE 10μ/16V
837	C563	5345-107C041	CAP, MINI ELE 100μ/16V
837	C564	5345-107C041	CAP, MINI ELE 100μ/16V
841	C565	5354-104593	CAP, MYL .1μ
841	C566	5354-104593	CAP, MYL .1μ

Ser.No	Ref. No.	Part No.	Description
842	C567	5354-104593	CAP, MYL .1µ
842	C568	5354-104593	CAP, MYL .1µ
843	C569	5353-050934	CAP, MCA 5p
843	C570	5353-050934	CAP, MCA 5p
839	C571	5345-225F0951	CAP, MINI ELE 2.2µ/50V
839	C572	5345-225F0951	CAP, MINI ELE 2.2µ/50V
836	C573	5345-227F045	CAP, MINI ELE 220µ/50V
836	C574	5345-227F045	CAP, MINI ELE 220µ/50V
869	C901	5345-227F045	CAP, MINI ELE 220µ/50V
869	C902	5345-227F045	CAP, MINI ELE 220µ/50V
870	C903	5345-476F041	CAP, MINI ELE 47µ/50V
870	C904	5345-476F041	CAP, MINI ELE 47µ/50V
879	C911	5345-106C0951	CAP, MINI ELE 10µ/16V
879	C912	5345-106C0951	CAP, MINI ELE 10µ/16V
879	C913	5345-106C0951	CAP, MINI ELE 10µ/16V
879	C914	5345-106C0951	CAP, MINI ELE 10µ/16V
879	C915	5345-106C0951	CAP, MINI ELE 10µ/16V
879	C916	5345-106C0951	CAP, MINI ELE 10µ/16V
		RESISTORS	
887	R501	5135-331522	RES, CBN 1/2P 330
887	R502	5135-331522	RES, CBN 1/2P 330
821	R505	5135-274522	RES, CBN 1/2P 270K
821	R506	5135-274522	RES, CBN 1/2P 270K
828	R507	5135-331522	RES, CBN 1/2P 330
828	R508	5135-331522	RES, CBN 1/2P 330
826	R509	5135-182522	RES, CBN 1/2P 1.8K
826	R510	5135-182522	RES, CBN 1/2P 1.8K
826	R511	5135-182522	RES, CBN 1/2P 1.8K
826	R512	5135-182522	RES, CBN 1/2P 1.8K
829	R513	5135-271522	RES, CBN 1/2P 270
829	R514	5135-271522	RES, CBN 1/2P 270
829	R515	5135-271522	RES, CBN 1/2P 270
829	R516	5135-271522	RES, CBN 1/2P 270
824	R517	5135-103522	RES, CBN 1/2P 10K
824	R518	5135-103522	RES, CBN 1/2P 10K
826	R519	5135-182522	RES, CBN 1/2P 1.8K
826	R520	5135-182522	RES, CBN 1/2P 1.8K
826	R521	5135-182522	RES, CBN 1/2P 1.8K
826	R522	5135-182522	RES, CBN 1/2P 1.8K
829	R523	5135-271522	RES, CBN 1/2P 270
829	R524	5135-271522	RES, CBN 1/2P 270
829	R525	5135-271522	RES, CBN 1/2P 270
829	R526	5135-271522	RES, CBN 1/2P 270
824	R527	5135-103522	RES, CBN 1/2P 10K
824	R528	5135-103522	RES, CBN 1/2P 10K
830	R529	5135-331522	RES, CBN 1/2P 330
830	R530	5135-331522	RES, CBN 1/2P 330
823	R531	5135-153522	RES, CBN 1/2P 15K
823	R532	5135-153522	RES, CBN 1/2P 15K
821	R533	5135-274522	RES, CBN 1/2P 270K
821	R534	5135-274522	RES, CBN 1/2P 270K
822	R535	5135-473522	RES, CBN 1/2P 47K
822	R536	5135-473522	RES, CBN 1/2P 47K
823	R537	5135-153522	RES, CBN 1/2P 15K
823	R538	5135-153522	RES, CBN 1/2P 15K
825	R539	5135-272522	RES, CBN 1/2P 2.7K
825	R540	5135-272522	RES, CBN 1/2P 2.7K
823	R541	5135-153522	RES, CBN 1/2P 15K
823	R542	5135-153522	RES, CBN 1/2P 15K
825	R543	5135-272522	RES, CBN 1/2P 2.7K
825	R544	5135-272522	RES, CBN 1/2P 2.7K
827	R545	5135-122522	RES, CBN 1/2P 1.2K
827	R546	5135-122522	RES, CBN 1/2P 1.2K
815	R547	5135-121522	RES, CBN 1/2P 120
815	R548	5135-121522	RES, CBN 1/2P 120
828	R549	5135-331522	RES, CBN 1/2P 330
828	R550	5135-331522	RES, CBN 1/2P 330
828	R551	5135-331522	RES, CBN 1/2P 330
828	R552	5135-331522	RES, CBN 1/2P 330
820	⚠ R553	5102-2205116	RES, FUSE 22
820	⚠ R554	5102-2205116	RES, FUSE 22

Ser.No	Ref. No.	Part No.	Description
840	R555	5232-331J16P	RES, CBN 1/6P 330
840	R556	5232-331J16P	RES, CBN 1/6P 330
848	R557	5135-153522	RES, CBN 1/2P 15K
848	R558	5135-153522	RES, CBN 1/2P 15K
830	R559	5135-331522	RES, CBN 1/2P 330
830	R560	5135-331522	RES, CBN 1/2P 330
846	R561	5135-104522	RES, CBN 1/2P 100K
846	R562	5135-104522	RES, CBN 1/2P 100K
852	R563	5135-682522	RES, CBN 1/2P 6.8K
852	R564	5135-682522	RES, CBN 1/2P 6.8K
853	R565	5135-682522	RES, CBN 1/2P 6.8K
853	R566	5135-682522	RES, CBN 1/2P 6.8K
848	R567	5135-153522	RES, CBN 1/2P 15K
848	R568	5135-153522	RES, CBN 1/2P 15K
858	R569	5135-102522	RES, CBN 1/2P 1K
858	R570	5135-102522	RES, CBN 1/2P 1K
851	R571	5135-122522	RES, CBN 1/2P 1.2K
851	R572	5135-122522	RES, CBN 1/2P 1.2K
852	R573	5135-682522	RES, CBN 1/2P 6.8K
852	R574	5135-682522	RES, CBN 1/2P 6.8K
847	R575	5135-273522	RES, CBN 1/2P 27K
847	R576	5135-273522	RES, CBN 1/2P 27K
848	R577	5135-153522	RES, CBN 1/2P 15K
848	R578	5135-153522	RES, CBN 1/2P 15K
854	R579	5135-272522	RES, CBN 1/2P 2.7K
854	R580	5135-272522	RES, CBN 1/2P 2.7K
857	R581	5135-101522	RES, CBN 1/2P 100
857	R582	5135-101522	RES, CBN 1/2P 100
854	R583	5135-272522	RES, CBN 1/2P 2.7K
854	R584	5135-272522	RES, CBN 1/2P 2.7K
848	R585	5135-153522	RES, CBN 1/2P 15K
848	R586	5135-153522	RES, CBN 1/2P 15K
855	R587	5135-471522	RES, CBN 1/2P 470
855	R588	5135-471522	RES, CBN 1/2P 470
852	R589	5135-682522	RES, CBN 1/2P 6.8K
850	R590	5232-682J16P	RES, CBN 1/6P 6.8K
856	R591	5135-331522	RES, CBN 1/2P 330
856	R592	5135-331522	RES, CBN 1/2P 330
846	R593	5135-104522	RES, CBN 1/2P 100K
846	R594	5135-104522	RES, CBN 1/2P 100K
859	⚠ R595	5102-2205116	RES, FUSE 22
859	⚠ R596	5102-2205116	RES, FUSE 22
845	R597	5135-224522	RES, CBN 1/2P 220K
845	R598	5135-224522	RES, CBN 1/2P 220K
840	R599	5232-331J16P	RES, CBN 1/6P 330
840	R600	5232-331J16P	RES, CBN 1/6P 330
876	⚠ R901	5102-2R25116	RES, FUSE 2.2
876	⚠ R902	5102-2R25116	RES, FUSE 2.2
873	R903	5135-331522	RES, CBN 1/2P 330
873	R904	5135-331522	RES, CBN 1/2P 330
872	R905	5135-222522	RES, CBN 1/2P 2.2K
872	R906	5135-222522	RES, CBN 1/2P 2.2K
877	⚠ R907	5102-1005116	RES, FUSE 10
877	⚠ R908	5102-1005116	RES, FUSE 10
875	R910	5135-220522	RES, CBN 1/2P 22
884	R911	5135-333522	RES, CBN 1/2P 33K
885	R912	5135-682522	RES, CBN 1/2P 6.8K
887	R913	5135-331522	RES, CBN 1/2P 330
887	R914	5135-331522	RES, CBN 1/2P 330
886	R915	5135-221522	RES, CBN 1/2P 220
886	R916	5135-223522	RES, CBN 1/2P 22K
874	R917	5135-101522	RES, CBN 1/2P 100
874	R918	5135-101522	RES, CBN 1/2P 100
883	R921	5135-104522	RES, CBN 1/2P 100K
883	R922	5135-104522	RES, CBN 1/2P 100K
883	R923	5135-104522	RES, CBN 1/2P 100K
883	R924	5135-104522	RES, CBN 1/2P 100K
884	R926	5135-333522	RES, CBN 1/2P 33K
840	R927	5232-331J16P	RES, CBN 1/6P 330
840	R928	5232-331J16P	RES, CBN 1/6P 330
889	R931	5135-105522	RES, CBN 1/2P 1M
889	R932	5135-105522	RES, CBN 1/2P 1M

Ser.No	Ref. No.	Part No.	Description
		TRANSISTORS	
801	Q501	5613-2240(BL)	XISTOR, NPN R
801	Q502	5613-2240(BL)	XISTOR, NPN R
801	Q503	5613-2240(BL)	XISTOR, NPN R
801	Q504	5613-2240(BL)	XISTOR, NPN R
802	Q505	5611-970(BL)	XISTOR, PNP R
802	Q506	5611-970(BL)	XISTOR, PNP R
802	Q507	5611-970(BL)	XISTOR, PNP R
802	Q508	5611-970(BL)	XISTOR, PNP R
803	Q509	5613-2320L(F)	XISTOR, NPN R
803	Q510	5613-2320L(F)	XISTOR, NPN R
804	Q511	5611-999L(F)	XISTOR, PNP R
804	Q512	5611-999L(F)	XISTOR, PNP R
806	Q513	5612-646A(C)	XISTOR, PNP A
806	Q514	5612-646A(C)	XISTOR, PNP A
805	Q515	5614-666A(C)	XISTOR, NPN A
805	Q516	5614-666A(C)	XISTOR, NPN A
866	Q517	5616-2SK364BL	FET, N-CH
866	Q518	5616-2SK364BL	FET, N-CH
833	Q561	5613-2320L(F)	XISTOR, NPN R
833	Q562	5613-2320L(F)	XISTOR, NPN R
834	Q563	5611-999L(F)	XISTOR, PNP R
834	Q564	5611-999L(F)	XISTOR, PNP R
832	Q565	5611-970(BL)	XISTOR, PNP R
832	Q566	5611-970(BL)	XISTOR, PNP R
831	Q567	5613-2240(BL)	XISTOR, NPN R
831	Q568	5613-2240(BL)	XISTOR, NPN R
833	Q569	5613-2320L(F)	XISTOR, NPN R
833	Q570	5613-2320L(F)	XISTOR, NPN R
862	Q901	5612-941(Q)	XISTOR, PNP A
861	Q902	5614-1266(Q)	XISTOR, NPN A
863	Q903	5613-2320L(F)	XISTOR, NPN R
864	Q904	5611-999L(F)	XISTOR, PNP R
865	Q911	5611-RN2203	XISTOR, PNP R
865	Q912	5611-RN2203	XISTOR, PNP R
863	Q913	5613-2320L(F)	XISTOR, NPN R
863	Q914	5613-2320L(F)	XISTOR, NPN R
		DIODES	
868	D501	5631-1S2473	DIODE, DET
868	D502	5631-1S2473	DIODE, DET
867	D901	5635-HZ24-1L	DIODE, ZENER
867	D902	5635-HZ24-1L	DIODE, ZENER
908	D911	5637-LT3E47E	LED
909	D912	5637-LT3P47E	LED
908	D913	5637-LT3E47E	LED
908	D914	5637-LT3E47E	LED
908	D915	5637-LT3E47E	LED
908	D916	5637-LT3E47E	LED
		CONTROLS	
898	VR501/ 502	5113-S0901503	RES, V CBN 16 50K
902	VR505/ 506	5113-S0903104	RES, V CBN 16 100K
900	VR507/ 508	5113-S0902503	RES, V CBN 16 50K
		MISCELLANEOUS	
778	CN503	4443-0701141	CONNECTOR
779	CN504	4443-0501141	CONNECTOR
780	CN506	4443-1001141	CONNECTOR
781	CN804	4443-030185	CONNECTOR
789	CW504	4163-S0203351	CONNECTOR W/W
790	CW505	4163-S0203301	CONNECTOR W/W
791	CW506	4163-0140039	CONNECTOR W/W
891	SW501	4411-00303205	SWITCH, ROTARY (FUNCTION)
891	SW502	4411-00303205	SWITCH, ROTARY (REC OUT)
893	SW503	4411-00304203	SWITCH, ROTARY (MONITOR)
906	SW504/ 505	4431-S1303210	SWITCH, PUSH
905	SW506/ 507	4431-S1302212	SWITCH, PUSH

Ser.No	Ref. No.	Part No.	Description
		PCB-3 CONTROL P.C.BOARD	
		CAPACITORS	
068B	C71	5359-3315851	CAP, PPP 330p G GB
068B	C72	5359-3315851	CAP, PPP 330p G GB
068B	C73	5359-3315851	CAP, PPP 330p G GB
068B	C74	5359-3315851	CAP, PPP 330p G GB
068B	C75	5359-3315851	CAP, PPP 330p G GB
068B	C76	5359-3315851	CAP, PPP 330p G GB
068B	C77	5359-3315851	CAP, PPP 330p G GB
068B	C78	5359-3315851	CAP, PPP 330p G GB
946	C801	5359-S010J102	CAP, PPP 1000p
946	C802	5359-S010J102	CAP, PPP 1000p
946	C803	5359-S010J102	CAP, PPP 1000p
946	C804	5359-S010J102	CAP, PPP 1000p
946	C805	5359-S010J102	CAP, PPP 1000p
946	C806	5359-S010J102	CAP, PPP 1000p
946	C807	5359-S010J102	CAP, PPP 1000p
944	C808	5345-106D0951	CAP, MINI ELE 10µ/25V
944	C809	5345-106D0951	CAP, MINI ELE 10µ/25V
945	C811	5345-104F0951	CAP, MINI ELE .1µ/50V
647	C812	5345-107D041	CAP, MINI ELE 100µ/25V
647	C813	5345-107D041	CAP, MINI ELE 100µ/25V
647	C814	5345-107D041	CAP, MINI ELE 100µ/25V
647	C815	5345-107D041	CAP, MINI ELE 100µ/25V
944	C816	5345-106D0951	CAP, MINI ELE 10µ/25V
944	C817	5345-106D0951	CAP, MINI ELE 10µ/25V
943	C851	5345-107D045	CAP, MINI ELE 100µ/25V
943	C852	5345-107D045	CAP, MINI ELE 100µ/25V
943	C853	5345-107D045	CAP, MINI ELE 100µ/25V
941	C854	5345-477C045	CAP, MINI ELE 470µ/16V
941	C855	5345-477C045	CAP, MINI ELE 470µ/16V
941	C856	5345-477C045	CAP, MINI ELE 470µ/16V
944	C857	5345-106D0951	CAP, MINI ELE 10µ/25V
942	C858	5345-107D041	CAP, MINI ELE 100µ/25V
944	C859	5345-106D0951	CAP, MINI ELE 10µ/25V
944	C860	5345-106D0951	CAP, MINI ELE 10µ/25V
637	C861	5345-107D041	CAP, MINI ELE 100µ/25V
637	C862	5345-107D041	CAP, MINI ELE 100µ/25V
665	C863	5361-103KB	CAP, CER .01µ
665	C864	5361-103KB	CAP, CER .01µ
665	C865	5361-103KB	CAP, CER .01µ
665	C866	5361-103KB	CAP, CER .01µ
665	C867	5361-103KB	CAP, CER .01µ
665	C868	5361-103KB	CAP, CER .01µ
		RESISTORS	
959	R801	5135-102522	RES, CBN 1/2P 1K
959	R802	5135-102522	RES, CBN 1/2P 1K
959	R803	5135-102522	RES, CBN 1/2P 1K
959	R804	5135-102522	RES, CBN 1/2P 1K
959	R805	5135-102522	RES, CBN 1/2P 1K
959	R806	5135-102522	RES, CBN 1/2P 1K
959	R807	5135-102522	RES, CBN 1/2P 1K
959	R808	5135-102522	RES, CBN 1/2P 1K
959	R809	5135-102522	RES, CBN 1/2P 1K
959	R810	5135-102522	RES, CBN 1/2P 1K
959	R811	5135-102522	RES, CBN 1/2P 1K
959	R812	5135-102522	RES, CBN 1/2P 1K
959	R813	5135-102522	RES, CBN 1/2P 1K
959	R814	5135-102522	RES, CBN 1/2P 1K
959	R815	5135-102522	RES, CBN 1/2P 1K
959	R816	5135-102522	RES, CBN 1/2P 1K
959	R817	5135-102522	RES, CBN 1/2P 1K
959	R818	5135-102522	RES, CBN 1/2P 1K
959	R819	5135-102522	RES, CBN 1/2P 1K
959	R820	5135-102522	RES, CBN 1/2P 1K
959	R821	5135-102522	RES, CBN 1/2P 1K
959	R822	5135-102522	RES, CBN 1/2P 1K
959	R823	5135-102522	RES, CBN 1/2P 1K
959	R824	5135-102522	RES, CBN 1/2P 1K
964	R825	5232-224J16P	RES, CBN 1/6P 220K

Ser.No	Ref. No.	Part No.	Description
964	R826	5232-224J16P	RES, CBN 1/6P 220K
964	R827	5232-224J16P	RES, CBN 1/6P 220K
975	R828	5232-124J16P	RES, CBN 1/6P 120K
963	R829	5232-105J16P	RES, CBN 1/6P 1M
963	R830	5232-105J16P	RES, CBN 1/6P 1M
963	R831	5232-105J16P	RES, CBN 1/6P 1M
963	R832	5232-105J16P	RES, CBN 1/6P 1M
963	R833	5232-105J16P	RES, CBN 1/6P 1M
963	R834	5232-105J16P	RES, CBN 1/6P 1M
963	R835	5232-105J16P	RES, CBN 1/6P 1M
965	R836	5232-104J16P	RES, CBN 1/6P 100K
965	R837	5232-104J16P	RES, CBN 1/6P 100K
965	R838	5232-104J16P	RES, CBN 1/6P 100K
649	⚠R839	5102-2205116	RES, FUSE 22
650	R840	5135-272522	RES, CBN 1/2P 2.7K
650	R841	5135-272522	RES, CBN 1/2P 2.7K
649	⚠R842	5102-2205116	RES, FUSE 22
962	R843	5135-223522	RES, CBN 1/2P 22K
974	R851	5232-750J16P	RES, CBN 1/6P 75
974	R852	5232-750J16P	RES, CBN 1/6P 75
974	R853	5232-750J16P	RES, CBN 1/6P 75
972	R854	5232-221J16P	RES, CBN 1/6P 220
972	R855	5232-221J16P	RES, CBN 1/6P 220
972	R856	5232-221J16P	RES, CBN 1/6P 220
979	R857	5232-680J16P	RES, CBN 1/6P 68
979	R858	5232-680J16P	RES, CBN 1/6P 68
979	R859	5232-680J16P	RES, CBN 1/6P 68
971	R860	5232-271J16P	RES, CBN 1/6P 270
971	R861	5232-271J16P	RES, CBN 1/6P 270
971	R862	5232-271J16P	RES, CBN 1/6P 270
972	R863	5232-221J16P	RES, CBN 1/6P 220
960	R864	5135-221522	RES, CBN 1/2P 220
972	R865	5232-221J16P	RES, CBN 1/6P 220
972	R866	5232-221J16P	RES, CBN 1/6P 220
972	R867	5232-221J16P	RES, CBN 1/6P 220
972	R868	5232-221J16P	RES, CBN 1/6P 220
969	R869	5232-103J16P	RES, CBN 1/6P 10K
969	R870	5232-103J16P	RES, CBN 1/6P 10K
969	R871	5232-103J16P	RES, CBN 1/6P 10K
957	R872	5135-182522	RES, CBN 1/2P 1.8K
956	R873	5135-332522	RES, CBN 1/2P 3.3K
968	R874	5232-333J16P	RES, CBN 1/6P 33K
968	R875	5232-333J16P	RES, CBN 1/6P 33K
954	R876	5135-333522	RES, CBN 1/2P 33K
966	R877	5232-683J16P	RES, CBN 1/6P 68K
966	R878	5232-683J16P	RES, CBN 1/6P 68K
966	R879	5232-683J16P	RES, CBN 1/6P 68K
967	R880	5232-473J16P	RES, CBN 1/6P 47K
967	R881	5232-473J16P	RES, CBN 1/6P 47K
969	R882	5232-103J16P	RES, CBN 1/6P 10K
969	R883	5232-103J16P	RES, CBN 1/6P 10K
639	⚠R884	5102-4704715	RES, FUSE 47
640	R885	5232-331J16P	RES, CBN 1/6P 330
641	R886	5135-562522	RES, CBN 1/2P 5.6K
973	R887	5232-223J16P	RES, CBN 1/6P 22K
967	R888	5232-473J16P	RES, CBN 1/6P 47K
967	R889	5232-473J16P	RES, CBN 1/6P 47K

INTEGRATED CIRCUITS

928	IC801	5654-LC7818	IC, DIGITAL
929	IC851	5654-LC4966	IC, DIGITAL
929	IC852	5654-LC4966	IC, DIGITAL

TRANSISTORS

935	Q801	5616-2SK364(V	FET, N-CH
935	Q802	5616-2SK364(V	FET, N-CH
935	Q803	5616-2SK364(V	FET, N-CH
935	Q804	5616-2SK364(V	FET, N-CH
935	Q805	5616-2SK364(V	FET, N-CH
935	Q806	5616-2SK364(V	FET, N-CH
935	Q807	5616-2SK364(V	FET, N-CH
935	Q808	5616-2SK364(V	FET, N-CH
935	Q809	5616-2SK364(V	FET, N-CH
935	Q810	5616-2SK364(V	FET, N-CH
935	Q811	5616-2SK364(V	FET, N-CH
935	Q812	5616-2SK364(V	FET, N-CH
935	Q813	5616-2SK364(V	FET, N-CH
935	Q814	5616-2SK364(V	FET, N-CH
935	Q815	5616-2SK364(V	FET, N-CH
935	Q816	5616-2SK364(V	FET, N-CH
935	Q817	5616-2SK364(V	FET, N-CH
935	Q818	5616-2SK364(V	FET, N-CH
645	Q819	5614-667A(C)	XISTOR, NPN A
644	Q820	5612-647A(C)	XISTOR, PNP A
933	Q851	5611-933S(S)	XISTOR, PNP R
933	Q852	5611-933S(S)	XISTOR, PNP R
933	Q853	5611-933S(S)	XISTOR, PNP R
932	Q854	5613-1740S(S)	XISTOR, NPN R
932	Q855	5613-1740S(S)	XISTOR, NPN R
932	Q856	5613-1740S(S)	XISTOR, NPN R
934	Q857	5613-RN1204	XISTOR, NPN R
934	Q858	5613-RN1204	XISTOR, NPN R
634	Q859	5611-1359(O)	XISTOR, PNP R
635	Q860	5613-2320L(F)	XISTOR, NPN R
933	Q861	5611-933S(S)	XISTOR, PNP R

DIODES

939	D801	5631-1SS133	DIODE, DET
939	D802	5631-1SS133	DIODE, DET
939	D803	5631-1SS133	DIODE, DET
939	D804	5631-1SS133	DIODE, DET
939	D805	5631-1SS133	DIODE, DET
939	D806	5631-1SS133	DIODE, DET
939	D807	5631-1SS133	DIODE, DET
939	D808	5631-1SS133	DIODE, DET
939	D809	5631-1SS133	DIODE, DET
939	D810	5631-1SS133	DIODE, DET
939	D811	5631-1SS133	DIODE, DET
939	D812	5631-1SS133	DIODE, DET
939	D813	5631-1SS133	DIODE, DET
939	D814	5631-1SS133	DIODE, DET
939	D815	5631-1SS133	DIODE, DET
939	D816	5631-1SS133	DIODE, DET
939	D817	5631-1SS133	DIODE, DET
939	D818	5631-1SS133	DIODE, DET
939	D819	5631-1SS133	DIODE, DET
939	D820	5631-1SS133	DIODE, DET
646	D821	5635-HZ20-1L	DIODE, ZENER
646	D822	5635-HZ20-1L	DIODE, ZENER
939	D851	5631-1SS133	DIODE, DET
939	D852	5631-1SS133	DIODE, DET
939	D853	5631-1SS133	DIODE, DET
636	D854	5635-HZ12B2L	DIODE, ZENER
939	D855	5631-1SS133	DIODE, DET
939	D856	5631-1SS133	DIODE, DET

MISCELLANEOUS

776	CW801	4163-S0202601	CONNECTOR W/W
777	CW802	4163-S0203901	CONNECTOR W/W
782	CW803	4163-0185039	CONNECTOR W/W
783	CW804	4163-0180039	CONNECTOR W/W
786	CW805	4163-S0207601	CONNECTOR W/W
787	CW806	4163-S0205451	CONNECTOR W/W
788	CW807	4163-S0110401	CONNECTOR W/W
659	⚠PJ3	4489-02901004	PIN JACK, MLT
659	⚠PJ4	4489-02901004	PIN JACK, MLT
659	⚠PJ5	4489-02901004	PIN JACK, MLT
659	⚠PJ6	4489-02901004	PIN JACK, MLT
660	⚠PJ7	4489-00902006	PIN JACK, MLT
660F	⚠PJ7	4489-00903006	PIN JACK, MLT NB
948	RC801	5212-223J0601	R COMPOSITE

PCB-4 DRIVER P.C.BOARD

CAPACITORS

482	C13	5354-332J1HM	CAP, MYL 3300p

Ser.No	Ref. No.	Part No.	Description
480	C15	5354-334593	CAP, MYL .33µ
483	C16	5345-336C0951	CAP, MINI ELE 33µ/16V
480	C17	5354-334593	CAP, MYL .33µ
484	C18	5345-105F0951	CAP, MINI ELE 1µ/50V
485	C19	5345-105J0962	CAP, MINI ELE 1µ/100V
476	C24	5345-476B041	CAP, MINI ELE 47µ/10V
058B	C52	5353-470534	CAP, MCA 47p G GB
058B	C53	5353-470534	CAP, MCA 47p G GB
481	C401	5359-S010J223	CAP, PPP .022µ
481	C402	5359-S010J223	CAP, PPP .022µ
434	C405	5354-104593	CAP, MYL .1µ
434	C406	5354-104593	CAP, MYL .1µ
434	C407	5354-104593	CAP, MYL .1µ
434	C408	5354-104593	CAP, MYL .1µ
437	C409	5353-150534	CAP, MCA 15p BK NB
437B	C409	5353-330534	CAP, MCA 33p G GB I IB S SB
437	C410	5353-150534	CAP, MCA 15p BK NB
437B	C410	5353-330534	CAP, MCA 33p G GB I IB S SB
439	C411	5359-1025851	CAP, PPP 1000p
439	C412	5359-1025851	CAP, PPP 1000p
430	C413	5345-106C0951	CAP, MINI ELE 10µ/16V
430	C414	5345-106C0951	CAP, MINI ELE 10µ/16V
429	C415	5345-227D041	CAP, MINI ELE 220µ/25V
429	C416	5345-227D041	CAP, MINI ELE 220µ/25V
429	C417	5345-227D041	CAP, MINI ELE 220µ/25V
429	C418	5345-227D041	CAP, MINI ELE 220µ/25V
429	C419	5345-227D041	CAP, MINI ELE 220µ/25V
429	C420	5345-227D041	CAP, MINI ELE 220µ/25V
429	C421	5345-227D041	CAP, MINI ELE 220µ/25V
429	C422	5345-227D041	CAP, MINI ELE 220µ/25V
431	⚠ C423	5345-477J0962	CAP, MINI ELE 470µ/100V
431	⚠ C424	5345-477J0962	CAP, MINI ELE 470µ/100V
431	⚠ C425	5345-477J0962	CAP, MINI ELE 470µ/100V
431	⚠ C426	5345-477J0962	CAP, MINI ELE 470µ/100V
438	C431	5359-3315851	CAP, PPP 330p
438	C432	5359-3315851	CAP, PPP 330p
438	C433	5359-3315851	CAP, PPP 330p
438	C434	5359-3315851	CAP, PPP 330p
436	C435	5353-680534	CAP, MCA 68p
436	C436	5353-680534	CAP, MCA 68p
437B	C437	5353-330534	CAP, MCA 33p G GB I IB S SB
437B	C438	5353-330534	CAP, MCA 33p G GB I IB S SB

RESISTORS

Ser.No	Ref. No.	Part No.	Description
495	R1	5135-473522	RES, CBN 1/2P 47K
488	R2	5135-223522	RES, CBN 1/2P 22K
497	R3	5135-152522	RES, CBN 1/2P 1.5K
500	R7	5135-823522	RES, CBN 1/2P 82K
495	R8	5135-473522	RES, CBN 1/2P 47K
496	R9	5135-334522	RES, CBN 1/2P 330K
494	R10	5135-684522	RES, CBN 1/2P 680K
493	R11	5135-184522	RES, CBN 1/2P 180K
492	R12	5135-225522	RES, CBN 1/2P 2.2M
490	R13	5135-104522	RES, CBN 1/2P 100K
490	R14	5135-104522	RES, CBN 1/2P 100K
491	R15	5135-103522	RES, CBN 1/2P 10K
491	R16	5135-103522	RES, CBN 1/2P 10K
495	R17	5135-473522	RES, CBN 1/2P 47K
488	R18	5135-223522	RES, CBN 1/2P 22K
488	R19	5135-223522	RES, CBN 1/2P 22K
495	R20	5135-473522	RES, CBN 1/2P 47K
490	R21	5135-104522	RES, CBN 1/2P 100K
489	R23	5135-273522	RES, CBN 1/2P 27K
489	R24	5135-273522	RES, CBN 1/2P 27K
487	R25	5135-105522	RES, CBN 1/2P 1M
487	R26	5135-105522	RES, CBN 1/2P 1M
488	R27	5135-223522	RES, CBN 1/2P 22K
486	⚠ R34	5102-1015116	RES, FUSE 100
450	R401	5135-331522	RES, CBN 1/2P 330
450	R402	5135-331522	RES, CBN 1/2P 330
451	R403	5135-223522	RES, CBN 1/2P 22K
451	R404	5135-223522	RES, CBN 1/2P 22K
444	⚠ R405	5102-3314713	RES, FUSE 330
444	⚠ R406	5102-3314713	RES, FUSE 330
454	R407	5135-301522	RES, CBN 1/2P 300
454	R408	5135-301522	RES, CBN 1/2P 300
467	R409	5135-121522	RES, CBN 1/2P 120
467	R410	5135-121522	RES, CBN 1/2P 120
454	R411	5135-301522	RES, CBN 1/2P 300
454	R412	5135-301522	RES, CBN 1/2P 300
444	⚠ R413	5102-3314713	RES, FUSE 330
444	⚠ R414	5102-3314713	RES, FUSE 330
449	R415	5174-151381	RES, MTL 1/4P 150
449	R416	5174-151381	RES, MTL 1/4P 150
449	R417	5174-151381	RES, MTL 1/4P 150
449	R418	5174-151381	RES, MTL 1/4P 150
455	R419	5135-105522	RES, CBN 1/2P 1M
455	R420	5135-105522	RES, CBN 1/2P 1M
456	R421	5135-224522	RES, CBN 1/2P 220K
456	R422	5135-224522	RES, CBN 1/2P 220K
456	R423	5135-224522	RES, CBN 1/2P 220K
456	R424	5135-224522	RES, CBN 1/2P 220K
455	R425	5135-105522	RES, CBN 1/2P 1M
455	R426	5135-105522	RES, CBN 1/2P 1M
457	R427	5135-103522	RES, CBN 1/2P 10K
457	R428	5135-103522	RES, CBN 1/2P 10K
468	R429	5135-822522	RES, CBN 1/2P 8.2K
468	R430	5135-822522	RES, CBN 1/2P 8.2K
460	R431	5135-122522	RES, CBN 1/2P 1.2K
460	R432	5135-122522	RES, CBN 1/2P 1.2K
461	R433	5135-563522	RES, CBN 1/2P 56K
461	R434	5135-563522	RES, CBN 1/2P 56K
458	R435	5135-562522	RES, CBN 1/2P 5.6K
458	R436	5135-562522	RES, CBN 1/2P 5.6K
447	R437	5174-222381	RES, MTL 1/4P 2.2K
447	R438	5174-222381	RES, MTL 1/4P 2.2K
466	R439	5135-472522	RES, CBN 1/2P 4.7K
466	R440	5135-472522	RES, CBN 1/2P 4.7K
463	R441	5135-391522	RES, CBN 1/2P 390
463	R442	5135-391522	RES, CBN 1/2P 390
466	R443	5135-472522	RES, CBN 1/2P 4.7K
466	R444	5135-472522	RES, CBN 1/2P 4.7K
445	⚠ R445	5102-1014713	RES, FUSE 100
445	⚠ R446	5102-1014713	RES, FUSE 100
451	R447	5135-223522	RES, CBN 1/2P 22K
451	R448	5135-223522	RES, CBN 1/2P 22K
452	R449	5135-680522	RES, CBN 1/2P 68
452	R450	5135-680522	RES, CBN 1/2P 68
447	R451	5174-222381	RES, MTL 1/4P 2.2K
447	R452	5174-222381	RES, MTL 1/4P 2.2K
445	⚠ R453	5102-1014713	RES, FUSE 100
445	⚠ R454	5102-1014713	RES, FUSE 100
445	⚠ R455	5102-1014713	RES, FUSE 100
445	⚠ R456	5102-1014713	RES, FUSE 100
445	⚠ R457	5102-1014713	RES, FUSE 100
445	⚠ R458	5102-1014713	RES, FUSE 100
464	R459	5135-123522	RES, CBN 1/2P 12K
464	R460	5135-123522	RES, CBN 1/2P 12K
464	R461	5135-123522	RES, CBN 1/2P 12K
464	R462	5135-123522	RES, CBN 1/2P 12K
448	R463	5174-362381	RES, MTL 1/4P 3.6K
448	R464	5174-362381	RES, MTL 1/4P 3.6K
446	⚠ R465	5102-2205116	RES, FUSE 22
446	⚠ R466	5102-2205116	RES, FUSE 22
458	R467	5135-562522	RES, CBN 1/2P 5.6K
458	R468	5135-562522	RES, CBN 1/2P 5.6K
446	⚠ R469	5102-2205116	RES, FUSE 22
446	⚠ R470	5102-2205116	RES, FUSE 22
458	R471	5135-562522	RES, CBN 1/2P 5.6K
458	R472	5135-562522	RES, CBN 1/2P 5.6K

Ser.No	Ref. No.	Part No.	Description
443	⚠R473	5102-1005711	RES, FUSE 10
443	⚠R474	5102-1005711	RES, FUSE 10
443	⚠R475	5102-1005711	RES, FUSE 10
443	⚠R476	5102-1005711	RES, FUSE 10
452	R477	5135-680522	RES, CBN 1/2P 68
452	R478	5135-680522	RES, CBN 1/2P 68
453	R767	5174-161381	RES, MTL 1/4P 160
453	R768	5174-161381	RES, MTL 1/4P 160
470	R773	5135-220522	RES, CBN 1/2P 22
470	R774	5135-220522	RES, CBN 1/2P 22
469	R775	5135-101522	RES, CBN 1/2P 100
469	R776	5135-101522	RES, CBN 1/2P 100
469	R777	5135-101522	RES, CBN 1/2P 100
469	R778	5135-101522	RES, CBN 1/2P 100
470	R779	5135-220522	RES, CBN 1/2P 22
470	R780	5135-220522	RES, CBN 1/2P 22
470	R781	5135-220522	RES, CBN 1/2P 22
470	R782	5135-220522	RES, CBN 1/2P 22
470	R783	5135-220522	RES, CBN 1/2P 22
470	R784	5135-220522	RES, CBN 1/2P 22
466	R785	5135-472522	RES, CBN 1/2P 4.7K
466	R786	5135-472522	RES, CBN 1/2P 4.7K
459	R789	5135-184522	RES, CBN 1/2P 180K
459	R790	5135-184522	RES, CBN 1/2P 180K
		TRANSISTORS	
475	Q1	5613-2240(BL)	XISTOR, NPN R
473	Q2	5613-1740S(S)	XISTOR, NPN R
472	Q3	5611-933S(S)	XISTOR, PNP R
473	Q4	5613-1740S(S)	XISTOR, NPN R
472	Q5	5611-933S(S)	XISTOR, PNP R
472	Q6	5611-933S(S)	XISTOR, PNP R
471	Q401	5616-2SK364BL	FET, N-CH
471	Q402	5616-2SK364BL	FET, N-CH
412	Q403	5616-2SK170BL	FET, N-CH
412	Q404	5616-2SK170BL	FET, N-CH
411	Q405	5615-2SJ74(BL	FET, P-CH
411	Q406	5615-2SJ74(BL	FET, P-CH
416	Q407	5613-1845(E)	XISTOR, NPN R
416	Q408	5613-1845(E)	XISTOR, NPN R
415	Q409	5611-992(E)	XISTOR, PNP R
415	Q410	5611-992(E)	XISTOR, PNP R
413	Q411	5611-999L(F)	XISTOR, PNP R
413	Q412	5611-999L(F)	XISTOR, PNP R
414	Q413	5613-2320L(F)	XISTOR, NPN R
414	Q414	5613-2320L(F)	XISTOR, NPN R
418	Q415	5611-970(BL)	XISTOR, PNP R
418	Q416	5611-970(BL)	XISTOR, PNP R
414	Q417	5613-2320L(F)	XISTOR, NPN R
414	Q418	5613-2320L(F)	XISTOR, NPN R
416	Q419	5613-1845(E)	XISTOR, NPN R
416	Q420	5613-1845(E)	XISTOR, NPN R
415	Q421	5611-992(E)	XISTOR, PNP R
415	Q422	5611-992(E)	XISTOR, PNP R
413	Q423	5611-999L(F)	XISTOR, PNP R
413	Q424	5611-999L(F)	XISTOR, PNP R
417	Q425	5613-2240(BL)	XISTOR, NPN R
417	Q426	5613-2240(BL)	XISTOR, NPN R
419	Q427	5612-648A(C)	XISTOR, PNP A
419	Q428	5612-648A(C)	XISTOR, PNP A
420	Q429	5614-668A(C)	XISTOR, NPN A
420	Q430	5614-668A(C)	XISTOR, NPN A
419	Q431	5612-648A(C)	XISTOR, PNP A
419	Q432	5612-648A(C)	XISTOR, PNP A
420	Q433	5614-668A(C)	XISTOR, NPN A
420	Q434	5614-668A(C)	XISTOR, NPN A
417	Q435	5613-2240(BL)	XISTOR, NPN R
417	Q436	5613-2240(BL)	XISTOR, NPN R
418	Q437	5611-970(BL)	XISTOR, PNP R
418	Q438	5611-970(BL)	XISTOR, PNP R
		DIODES	
477	D8	5635-HZ6A-2L	DIODE, ZENER
478	D9	5631-1S2473	DIODE, DET
478	D10	5631-1S2473	DIODE, DET
478	D11	5631-1S2473	DIODE, DET
478	D12	5631-1S2473	DIODE, DET
478	D15	5631-1S2473	DIODE, DET
479	D16	5632-S5566B	DIODE, RECT
426	D401	5635-HZ24-2L	DIODE, ZENER
426	D402	5635-HZ24-2L	DIODE, ZENER
426	D403	5635-HZ24-2L	DIODE, ZENER
426	D404	5635-HZ24-2L	DIODE, ZENER
		CONTROLS	
441	VR401	5101-S0401152	RES, SEMI FIX 1.5K
441	VR402	5101-S0401152	RES, SEMI FIX 1.5K
442	VR403	5101-S0401103	RES, SEMI FIX 10K
442	VR404	5101-S0401103	RES, SEMI FIX 10K
		MISCELLANEOUS	
724	CN401	4443-0301140	CONNECTOR
726	CN402	4443-060185	CONNECTOR
727	CN403	4443-070185	CONNECTOR
728	CN404	4443-030185	CONNECTOR
723	CN405	4443-0201140	CONNECTOR
729	TM401	4214-11021	TERMINAL
729	TM402	4214-11021	TERMINAL
730	TP401	4443-024116	CONNECTOR
730	TP402	4443-024116	CONNECTOR

PCB-5 MAIN Lch P.C.BOARD

		CAPACITORS	
534	C455	5353-330534	CAP, MCA 33p
534	C457	5353-330534	CAP, MCA 33p
691	C459	5354-104593	CAP, MYL .1μ
541	C465	5354-473593	CAP, MYL .047μ
541	C467	5354-473593	CAP, MYL .047μ
542	C469	5345-106C0951	CAP, MINI ELE 10μ/16V
540	C471	5354-104593	CAP, MYL .1μ
		RESISTORS	
549	R479	5135-100522	RES, CBN 1/2P 10
518	R481	5272-S010KR15	RES, CEM 2P .15
518	R483	5272-S010KR15	RES, CEM 2P .15
518	R485	5272-S010KR15	RES, CEM 2P .15
517	R487	5272-S010JR22	RES, CEM 2P .22
517	R489	5272-S010JR22	RES, CEM 2P .22
518	R491	5272-S010KR15	RES, CEM 2P .15
517	R495	5272-S010JR22	RES, CEM 2P .22
517	R497	5272-S010JR22	RES, CEM 2P .22
524	R741	5135-221522	RES, CBN 1/2P 220
528	R743	5135-102522	RES, CBN 1/2P 1K
525	R745	5135-561522	RES, CBN 1/2P 560
693	R751	5232-562J16P	RES, CBN 1/6P 5.6K
693	R753	5232-562J16P	RES, CBN 1/6P 5.6K
694	R755	5232-272J16P	RES, CBN 1/6P 2.7K
531	R757	5171-100572	RES, MTL 1P 10
526	R759	5135-121522	RES, CBN 1/2P 120
531	R761	5171-100572	RES, MTL 1P 10
695	R763	5232-472J16P	RES, CBN 1/6P 4.7K
527	R765	5135-150522	RES, CBN 1/2P 15
523	⚠R769	5102-2215116	RES, FUSE 220
523	⚠R771	5102-2215116	RES, FUSE 220
520	⚠R791	5102-1015116	RES, FUSE 100
520	⚠R793	5102-1015116	RES, FUSE 100
521	⚠R795	5102-1005116	RES, FUSE 10
521	⚠R797	5102-1005116	RES, FUSE 10
527	R799	5135-150522	RES, CBN 1/2P 15
549	R941	5135-100522	RES, CBN 1/2P 10
		TRANSISTORS	
501	Q451	5611-970(BL)	XISTOR, PNP R
505	Q453	5613-3423(Y)	XISTOR, NPN R
503	Q457	5614-668A(C)	XISTOR, NPN A

Ser.No	Ref. No.	Part No.	Description
502	Q459	5612-648A(C)	XISTOR, PNP A
506	Q461	5611-1306A(Y)	XISTOR, PNP R
507	Q463	5613-3298A(Y)	XISTOR, NPN R
508	Q465	5611-1302(O)	XISTOR, PNP R
510	Q467	5613-3281(O)	XISTOR, NPN R
508	Q469	5611-1302(O)	XISTOR, PNP R
510	Q471	5613-3281(O)	XISTOR, NPN R
690	Q477	5611-970(BL)	XISTOR, PNP R
		DIODES	
514	D407	5632-10DF2	DIODE, RECT
514	D409	5632-10DF2	DIODE, RECT
514	D411	5632-10DF2	DIODE, RECT
514	D413	5632-10DF2	DIODE, RECT
		COILS	
550	L401	5597-45502	CORE, BEADS
550	L403	5597-45502	CORE, BEADS
535	L405	5991-7165	SPRING COIL
		CONTROL	
543	VR405	5101-S0401102	RES, SEMI FIX 1K
		MISCELLANEOUS	
744	CC401	4132-R0110121	CORD, 2C
741	CW401	4163-0135021	CONNECTOR W/W
742	CW402	4163-0135023	CONNECTOR W/W
743	CW403	4163-0140022	CONNECTOR W/W
738	JL401	4242-R0406141	JUMPER LEAD
737	JL402	4242-R0403141	JUMPER LEAD
606	PT1	5192-00104	POSISTOR
735	TP403	4443-024116	CONNECTOR

PCB-6 MAIN Rch P.C.BOARD

		CAPACITORS	
594	C456	5353-330534	CAP, MCA 33p
594	C458	5353-330534	CAP, MCA 33p
699	C460	5354-104593	CAP, MYL .1µ
601	C466	5354-473593	CAP, MYL .047µ
601	C468	5354-473593	CAP, MYL .047µ
602	C470	5345-106C0951	CAP, MINI ELE 10µ/16V
600	C472	5354-104593	CAP, MYL .1µ
		RESISTORS	
612	R480	5135-100522	RES, CBN 1/2P 10
578	R482	5272-S010KR15	RES, CEM 2P .15
578	R484	5272-S010KR15	RES, CEM 2P .15
578	R486	5272-S010KR15	RES, CEM 2P .15
577	R488	5272-S010JR22	RES, CEM 2P .22
577	R490	5272-S010JR22	RES, CEM 2P .22
578	R492	5272-S010KR15	RES, CEM 2P .15
577	R496	5272-S010JR22	RES, CEM 2P .22
577	R498	5272-S010JR22	RES, CEM 2P .22
584	R742	5135-221522	RES, CBN 1/2P 220
588	R744	5135-102522	RES, CBN 1/2P 1K
585	R746	5135-561522	RES, CBN 1/2P 560
701	R752	5232-562J16P	RES, CBN 1/6P 5.6K
701	R754	5232-562J16P	RES, CBN 1/6P 5.6K
702	R756	5232-272J16P	RES, CBN 1/6P 2.7K
591	R758	5171-100572	RES, MTL 1P 10
586	R760	5135-121522	RES, CBN 1/2P 120
591	R762	5171-100572	RES, MTL 1P 10
703	R764	5232-472J16P	RES, CBN 1/6P 4.7K
587	R766	5135-150522	RES, CBN 1/2P 15
583	⚠R770	5102-2215116	RES, FUSE 220
583	⚠R772	5102-2215116	RES, FUSE 220
580	⚠R792	5102-1015116	RES, FUSE 100
580	⚠R794	5102-1015116	RES, FUSE 100
581	⚠R796	5102-1005116	RES, FUSE 10
581	⚠R798	5102-1005116	RES, FUSE 10
587	R800	5135-150522	RES, CBN 1/2P 15
612	R942	5135-100522	RES, CBN 1/2P 10

Ser.No	Ref. No.	Part No.	Description
		TRANSISTORS	
561	Q452	5611-970(BL)	XISTOR, PNP R
565	Q454	5613-3423(Y)	XISTOR, NPN R
563	Q458	5614-668A(C)	XISTOR, NPN A
562	Q460	5612-648A(C)	XISTOR, PNP A
566	Q462	5611-1306A(Y)	XISTOR, PNP R
567	Q464	5613-3298A(Y)	XISTOR, NPN R
568	Q466	5611-1302(O)	XISTOR, PNP R
570	Q468	5613-3281(O)	XISTOR, NPN R
568	Q470	5611-1302(O)	XISTOR, PNP R
570	Q472	5613-3281(O)	XISTOR, NPN R
698	Q478	5611-970(BL)	XISTOR, PNP R
		DIODES	
574	D408	5632-10DF2	DIODE, RECT
574	D410	5632-10DF2	DIODE, RECT
574	D412	5632-10DF2	DIODE, RECT
574	D414	5632-10DF2	DIODE, RECT
		COILS	
613	L402	5597-45502	CORE, BEADS
613	L404	5597-45502	CORE, BEADS
595	L406	5991-7165	SPRING COIL
		CONTROL	
603	VR406	5101-S0401102	RES, SEMI FIX 1K
		MISCELLANEOUS	
748	CC402	4132-R0110121	CORD, 2C
752	CW404	4163-0135021	CONNECTOR W/W
753	CW405	4163-0135020	CONNECTOR W/W
754	CW406	4163-0140023	CONNECTOR W/W
750	JL403	4242-R0407141	JUMPER LEAD
747	TP404	4443-024116	CONNECTOR

PCB-7 HEADPHONE P.C.BOARD

		MISCELLANEOUS	
917	J1	4451-00161	JACK, 1P

PCB-8 SPEAKER P.C.BOARD

		CAPACITORS	
069B	C83	5359-1215851	CAP, PPP 120p G GB
069B	C84	5359-1215851	CAP, PPP 120p G GB
069B	C85	5359-1215851	CAP, PPP 120p G GB
069B	C86	5359-1215851	CAP, PPP 120p G GB
		RESISTORS	
679	R737	5135-102522	RES, CBN 1/2P 1K
679	R738	5135-102522	RES, CBN 1/2P 1K
679	R739	5135-102522	RES, CBN 1/2P 1K
679	R740	5135-102522	RES, CBN 1/2P 1K
		MISCELLANEOUS	
772	JL404	4242-R0303451	JUMPER LEAD
651	⚠SPT1	4214-221	TERMINAL
914	SW3	4411-204715	SWITCH, ROTARY

PCB-9 MAIN POWER SUPPLY P.C.BOARD

		CAPACITORS	
624	C7	5352-1041957	CAP, MTL .1µ
624	C8	5352-1041957	CAP, MTL .1µ
624	C9	5352-1041957	CAP, MTL .1µ
624	C10	5352-1041957	CAP, MTL .1µ
051B	C20	5352-1041957	CAP, MTL .1µ G GB
051B	C21	5352-1041957	CAP, MTL .1µ G GB
693	C23	5345-475J0962	CAP, MINI ELE 4.7µ/100V
623	⚠C31	5341-S10HM758	CAP, ELE 7500µ/75V
623	⚠C32	5341-S10HM758	CAP, ELE 7500µ/75V
623	⚠C33	5341-S10HM758	CAP, ELE 7500µ/75V
623	⚠C34	5341-S10HM758	CAP, ELE 7500µ/75V

Ser.No	Ref. No.	Part No.	Description
		RESISTORS	
685	⚠ R28	5102-8205116	RES, FUSE 82
685	⚠ R29	5102-8205116	RES, FUSE 82
688	R30	5171-331593	RES, MTL 1P 330
687	R31	5135-103522	RES, CBN 1/2P 10K
689	R32	5171-471593	RES, MTL 1P 470
688	R33	5171-331593	RES, MTL 1P 330
		DIODES	
621	⚠ D1	5685-D5SB40	SILICON, BRIG
621	⚠ D2	5685-D5SB40	SILICON, BRIG
681	⚠ D13	5632-S5566B	DIODE, RECT
681	⚠ D14	5632-S5566B	DIODE, RECT
		MISCELLANEOUS	
762	CW1	4163-S0202201	CONNECTOR W/W
759	⚠ TM1	4214-11033	TERMINAL
759	⚠ TM2	4214-11033	TERMINAL

PCB-10 POWER SWITCH P.C.BOARD

		CAPACITORS	
913	⚠ C1	5352-S010M103	CAP, MTL .01μ BK NB
913B	⚠ C1	5352-4720958	CAP, MTL 4700p G GB I IB S SB
		RESISTOR	
054B	R101	5135-335J50P	RES, CBN 12P 3.3M G GB I IB S SB
		MISCELLANEOUS	
912	⚠ SW2	4433-01101	SWITCH, PU-PW
916	⚠ TM9	4214-122	TERMINAL
916	⚠ TM10	4214-122	TERMINAL

PCB-11 SUB POWER SUPPLY P.C.BOARD

		CAPACITORS	
629	⚠ C5	5345-228F0962	CAP, MINI ELE 2200μ/50V
629	⚠ C6	5345-228F0962	CAP, MINI ELE 2200μ/50V
630	C11	5354-104593	CAP, MYL .1μ
630	C12	5354-104593	CAP, MYL .1μ
052B	C22	5352-1041957	CAP, MTL .1μ G GB
		DIODES	
627	⚠ D3	5632-S5566B	DIODE, RECT
627	⚠ D4	5632-S5566B	DIODE, RECT
627	⚠ D5	5632-S5566B	DIODE, RECT
627	⚠ D6	5632-S5566B	DIODE, RECT
		MISCELLANEOUS	
764	CN1	4443-0201140	CONNECTOR
765	CN2	4443-0301140	CONNECTOR
765	CN3	4443-0301140	CONNECTOR
765	CN4	4443-0301140	CONNECTOR
766	CW2	4163-0140039	CONNECTOR W/W
632	⚠ F2	5732-122031	FUSE BK
632B	⚠ F2	5732-122030	FUSE G GB I IB S SB
632F	⚠ F2	5732-122037	FUSE NB
632	⚠ F3	5732-122031	FUSE BK
632B	⚠ F3	5732-122030	FUSE G GB I IB S SB
632F	⚠ F3	5732-122037	FUSE NB
633	⚠ HF2	4472-0131	HOLDER, FUSE
633	⚠ HF3	4472-0131	HOLDER, FUSE
633	⚠ HF4	4472-0131	HOLDER, FUSE
633	⚠ HF5	4472-0131	HOLDER, FUSE
763	TM5	4214-11033	TERMINAL

Ser.No	Ref. No.	Part No.	Description

PCB-12 VOLUME P.C.BOARD

		RESISTORS	
920	R503	5135-472522	RES, CBN 1/2P 4.7K
920	R504	5135-472522	RES, CBN 1/2P 4.7K
		CONTROLS	
896	VR503/504	5113-10472147	RES, V CBN 16 100K
		MISCELLANEOUS	
767	CN502	4443-030185	CONNECTOR
767	CN507	4443-030185	CONNECTOR

PCB-13 V/D SWITCH P.C.BOARD

		MISCELLANEOUS	
756	CN805	4443-0201141	CONNECTOR
755	CW809	4163-S0202451	CONNECTOR W/W
904	SW801	4431-A027610	SWITCH, PUSH

PCB-14 PRE OUT P.C.BOARD

		CAPACITOR	
066B	C79	5359-1215851	CAP, PPP 120p G GB
066B	C80	5359-1215851	CAP, PPP 120p G GB
067B	C81	5359-4715851	CAP, PPP 470p G GB
067B	C82	5359-4715851	CAP, PPP 470p G GB
666	C577	5361-103KB	CAP, CER .01μ
		RESISTORS	
919	R929	5135-331522	RES, CBN 1/2P 330
919B	R929	5135-182522	RES, CBN 1/2P 1.8K G GB
919	R930	5135-331522	RES, CBN 1/2P 330
919B	R930	5135-182522	RES, CBN 1/2P 1.8K G GB
		MISCELLANEOUS	
770	CN501	4443-030185	CONNECTOR
661	⚠ PJ2	4469-02601002	PIN JACK, MLT

PCB-15 TERMINAL L P.C.BOARD

		RESISTORS	
553	R747	5135-561522	RES, CBN 1/2P 560
554	R749	5135-122522	RES, CBN 1/2P 1.2K
		TRANSISTOR	
557	Q455	5613-3423(Y)	XISTOR, NPN R

PCB-16 TERMINAL R P.C.BOARD

		RESISTORS	
615	R748	5135-561522	RES, CBN 1/2P 560
616	R750	5135-122522	RES, CBN 1/2P 1.2K
		TRANSISTOR	
618	Q456	5613-3423(Y)	XISTOR, NPN R

CHASSIS MISCELLANEOUS

		MISCELLANEOUS	
057B	C51	5361-223KB	CAP, CER .022μ G GB
056B	⚠ CO1	4443-712	CONNECTOR G GB I IB S SB
667	⚠ F1	5732-632029	FUSE BK
667B	⚠ F1	5732-312030	FUSE G GB I IB S SB
667F	⚠ F1	5732-632056	FUSE NB
668	⚠ HF1	4472-014	HOLDER, FUSE BK NB
668B	⚠ HF1	4472-7118	HOLDER, FUSE G GB I IB S SB
654	⚠ P1	4161-04801252	CORD W/PLUG BK

Ser.No	Ref. No.	Part No.	Description
654B	⚠ P1	4161-71150	CORD W/PLUG (G) (GB) (I) (IB)
654F	⚠ P1	4161-04901252	CORD W/PLUG (NB)
654G	⚠ P1	4161-71159	CORD W/PLUG (S) (SB)
652	⚠ SO1	4474-156	SOCKET (BK) (NB)
656	⚠ SW1	4433-01002	SWITCH, PU-PW (BK) (NB)
656B	⚠ SW1	4433-01001	SWITCH, PU-PW (G) (GB) (I) (IB) (S) (SB)
053B	⚠ SW101	4411-102729	SWITCH, ROTARY (G) (GB) (I) (IB) (S) (SB)
674	⚠ T1	5584-S2513	XFORMER, POWER (BK)
674B	⚠ T1	5584-S2514	XFORMER, POWER (G) (GB) (I) (IB) (S) (SB)
674F	⚠ T1	5584-S2515	XFORMER, POWER (NB)
055B		4150-8	TUBING, SPE (G) (GB) (I) (IB) (S) (SB)
663		4442-14	PIN PLUG

PACKAGE PARTS LIST

021		1756-06303	LABEL (G) (GB) (I) (IB) (S) (SB)
021		1756-03113	LABEL (NB)
022		1756-03124	LABEL, (G) (G) (GB)
022		1756-03108	LABEL, (I) (I) (IB)
022		1756-03106	LABEL, (SEV) (S) (SB)
022		1751-07705	LABEL, AC CORD (NB)
023		1241-PB	POLYETHYLENE BAG (NB)
107		1111-J30317	OWNER GUIDE, OG (BK)
107		1111-J30318	OWNER GUIDE, OG (G) (GB) (I) (IB) (S) (SB)
107		1111-J2052	OWNER GUIDE (NB)
108		1113-717004	OWNER CARD (BK)
108		1113-0C	OWNER GUIDE (NB)
109		1119-047	ATTACH SHEET, WARANTY (BK)
109		1116-GC	GUARANT CARD (NB)
110		1119-0137	ATTACH SHEET (BK)
111		1119-01201	ATTACH SHEET, UL (BK)
111		1119-0135	ATTACH SHEET FTZ (G) (GB)
113		1241-R0123350	POLYETHYLENE BAG, OG
122		1241-C1494	POLYETHYLENE BAG, SET
125		1221-737198	CARTON BOX (G) (I) (S)
125		1221-747198	CARTON BOX (BK) (GB) (NB) (IB) (SB)
126		1222-7357	CUSHION, L
127		1222-7358	CUSHION, R
128		1223-11747	SOFT SHEET, SET
129		1223-11115	SOFT SHEET, AC CORD

ABBREVIATIONS IN PARTS LIST

CAPACITORS

CAP, MINI ELE	: Electrolytic
CAP, CER	: Ceramic
CAP, PPP	: Polypropylene
CAP, MYL	: Mylar
CAP, MCA	: Mica
CAP, MINI BP	: Bipolar
CAP, ELE BP	: Electrolytic Bipolar
CAP, STY	: Polystyrene Film
CAP, SPE	: Special
CAP, TAN	: Tantalum
470µ	: 470µF
6800p	: 6800pF
.047µ	: 0.047µF

RESISTORS

RES, CBN 1/6P	: Carbon 1/6W
RES, FUSE	: Fuse
RES, CEM 5P	: Cement 5W
RES, MTL 1P	: Metal 1W
2.2K	: 2.2KΩ
220	: 220Ω

TRANSISTORS

XISTOR	: Transistor
FET	: Field Effect Transistor

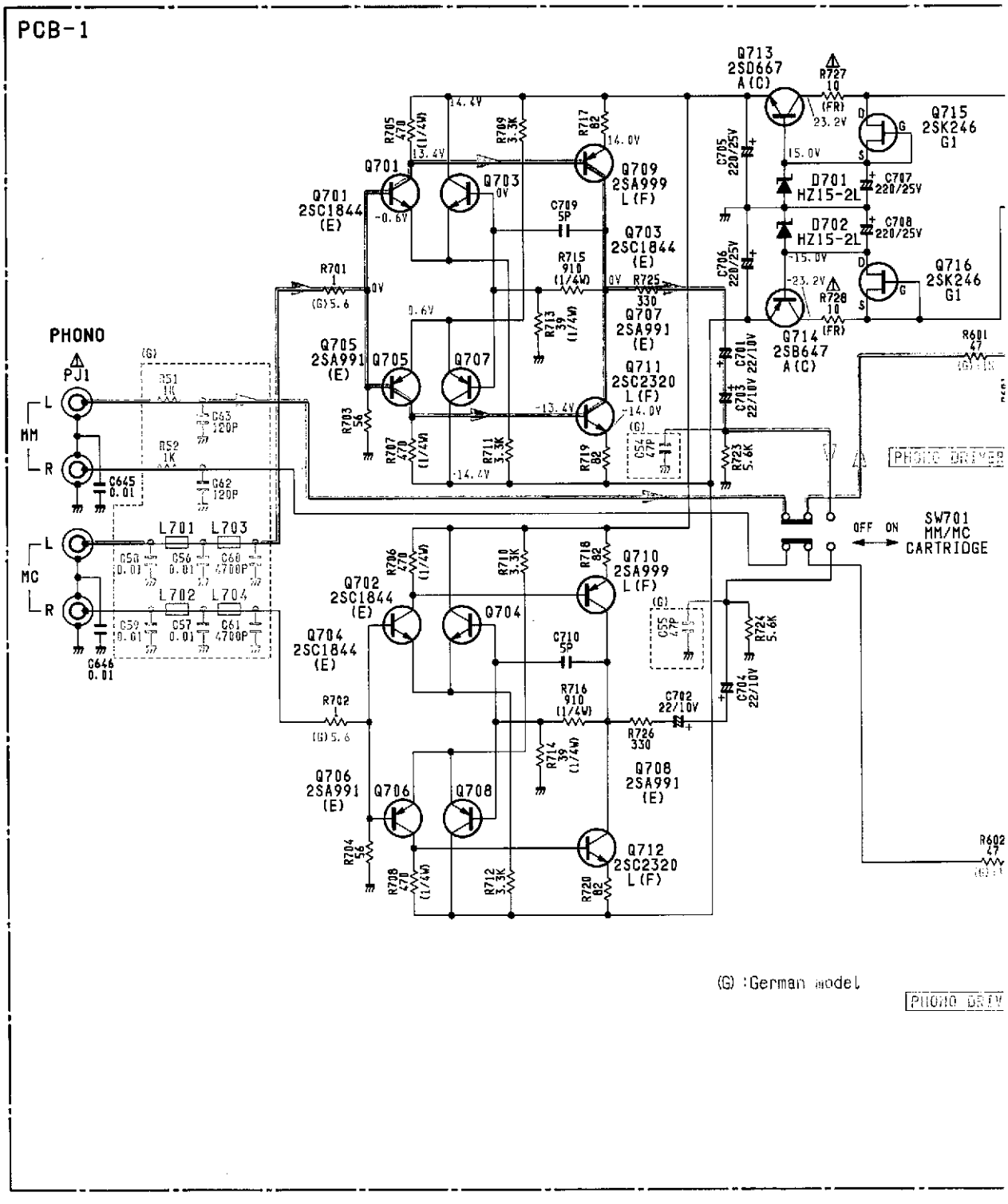
CONTROLS

RES, V CBN	: Variable Carbon Resistor
RES, SEMI FIX	: Semi-fixed Resistor

NOTE

⚠ SAFETY RELATED COMPONENT. USE ONLY EXACT REPLACEMENT PART AS SPECIFIED.

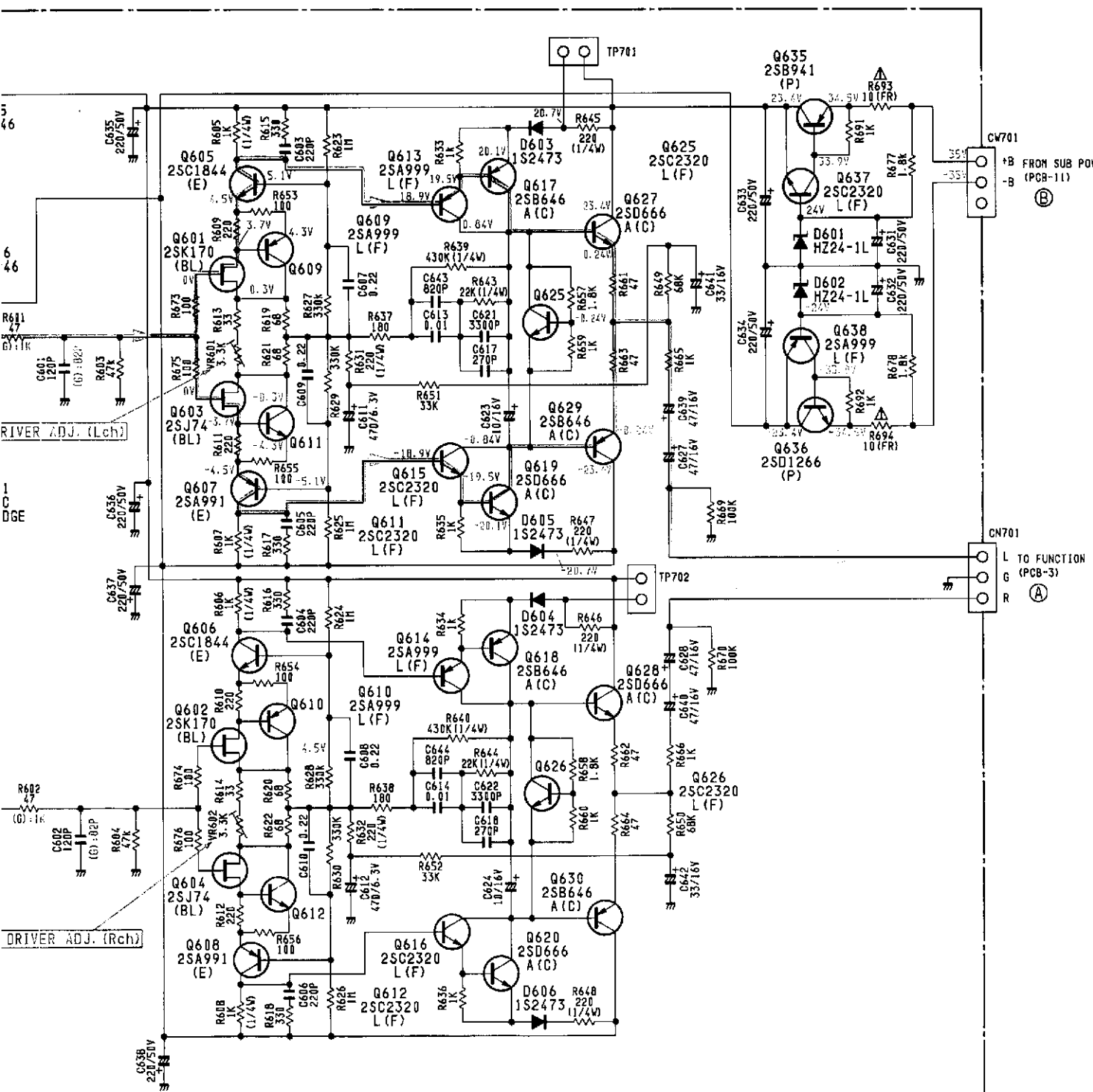
SCHEMATIC DIAGRAM (PHONO AMP SECTION)



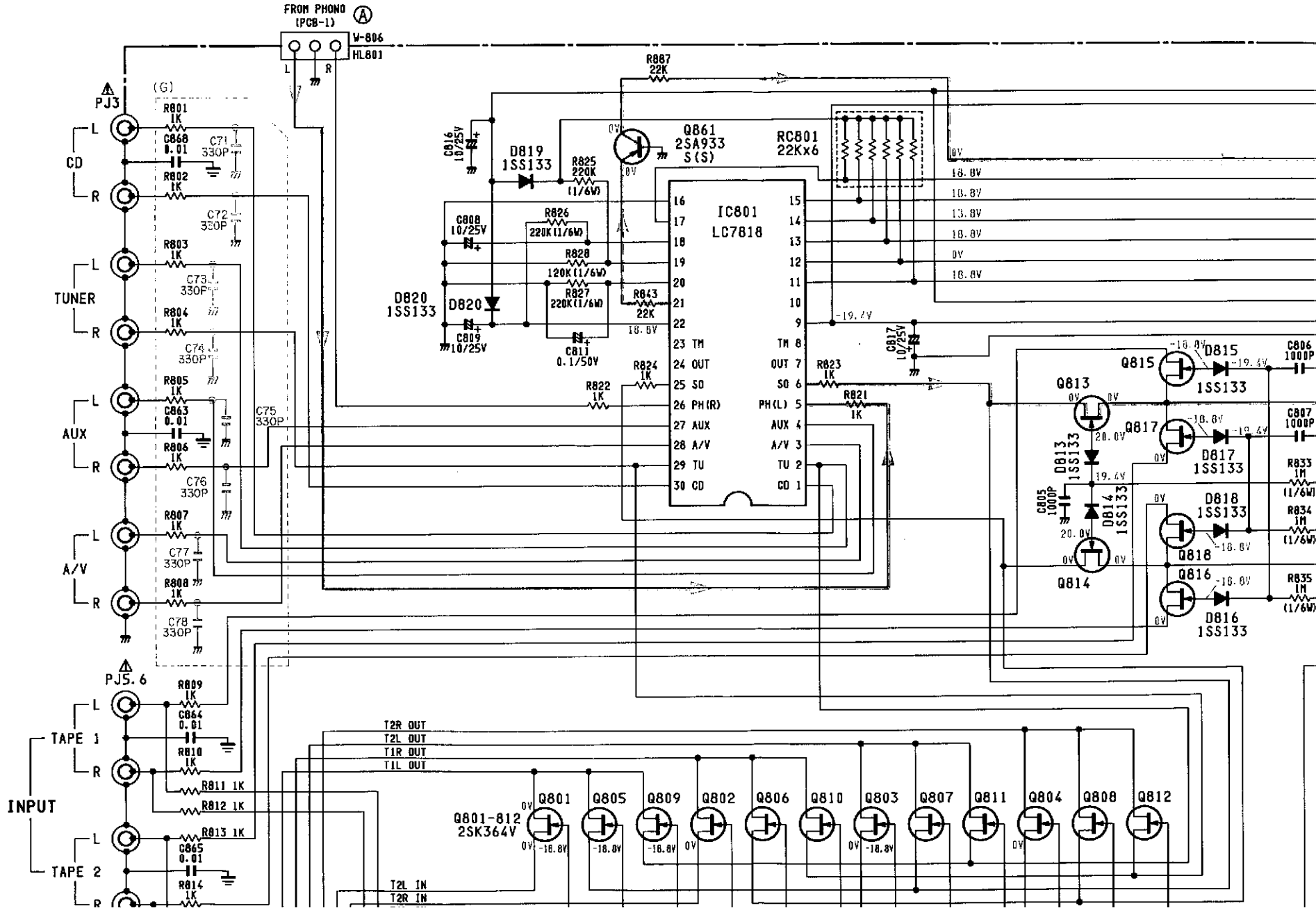
F	G	H	I	J

NOTE:

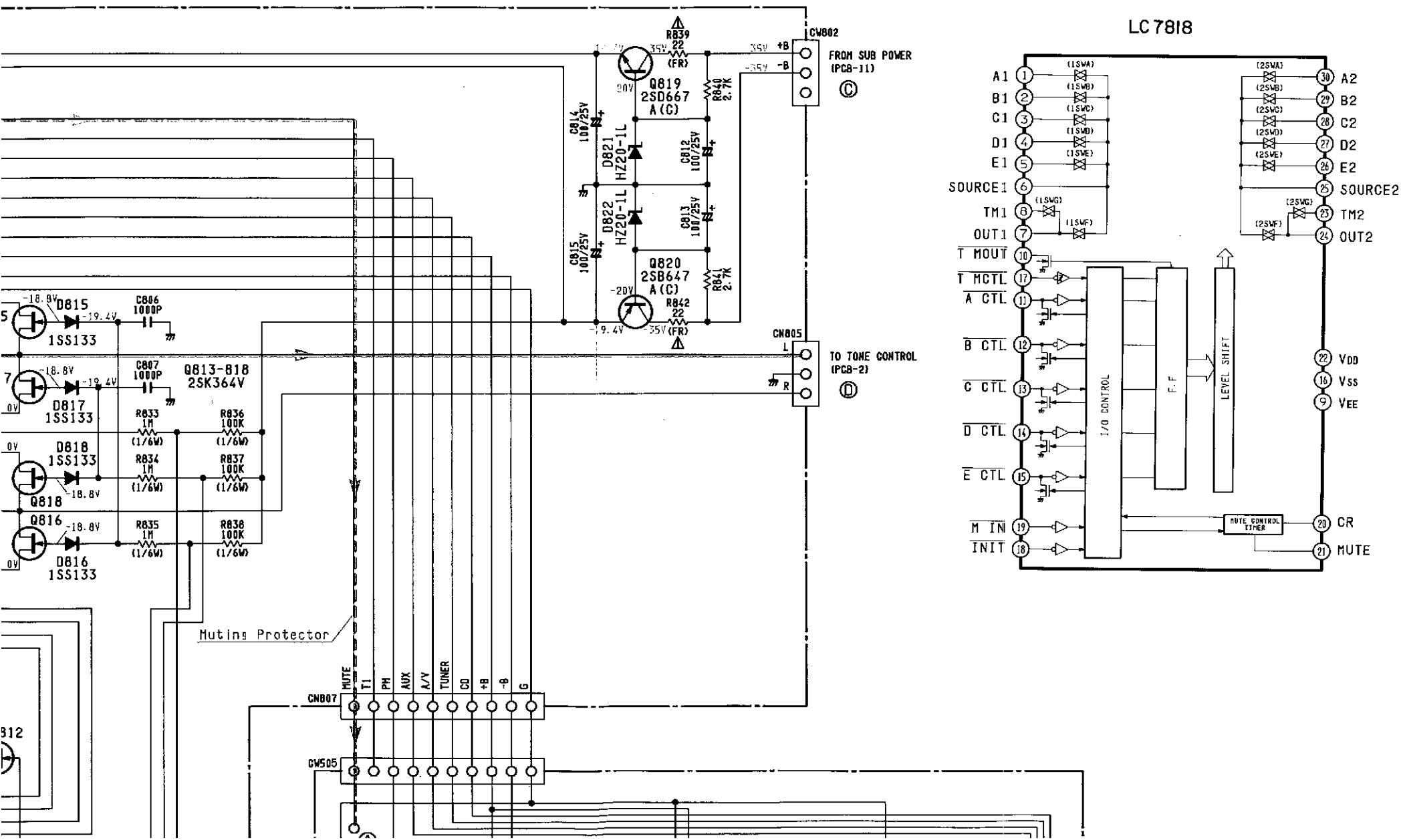
1. ALL RESISTANCES VALUES ARE IN Ω.
   KΩ=1000Ω. MΩ=1000KΩ.
2. THE WATTAGE OF RESISTORS IS 1/2W UNLESS OTHERWISE NOTED.
3. ALL CAPACITANCES VALUES ARE IN μF UNLESS OTHERWISE NOTED. P=μμF.
4. ...V:DC VOLTAGE AT NO SIGNAL UNLESS OTHERWISE NOTED.
5. ⚠ SAFETY REQUIREMENTS COMPONENTS IN ACCORDANCE WITH PRESENT SAFETY REGULATIONS. THESE COMPONENTS MUST ONLY BE REPLACED BY ORIGINAL PARTS.



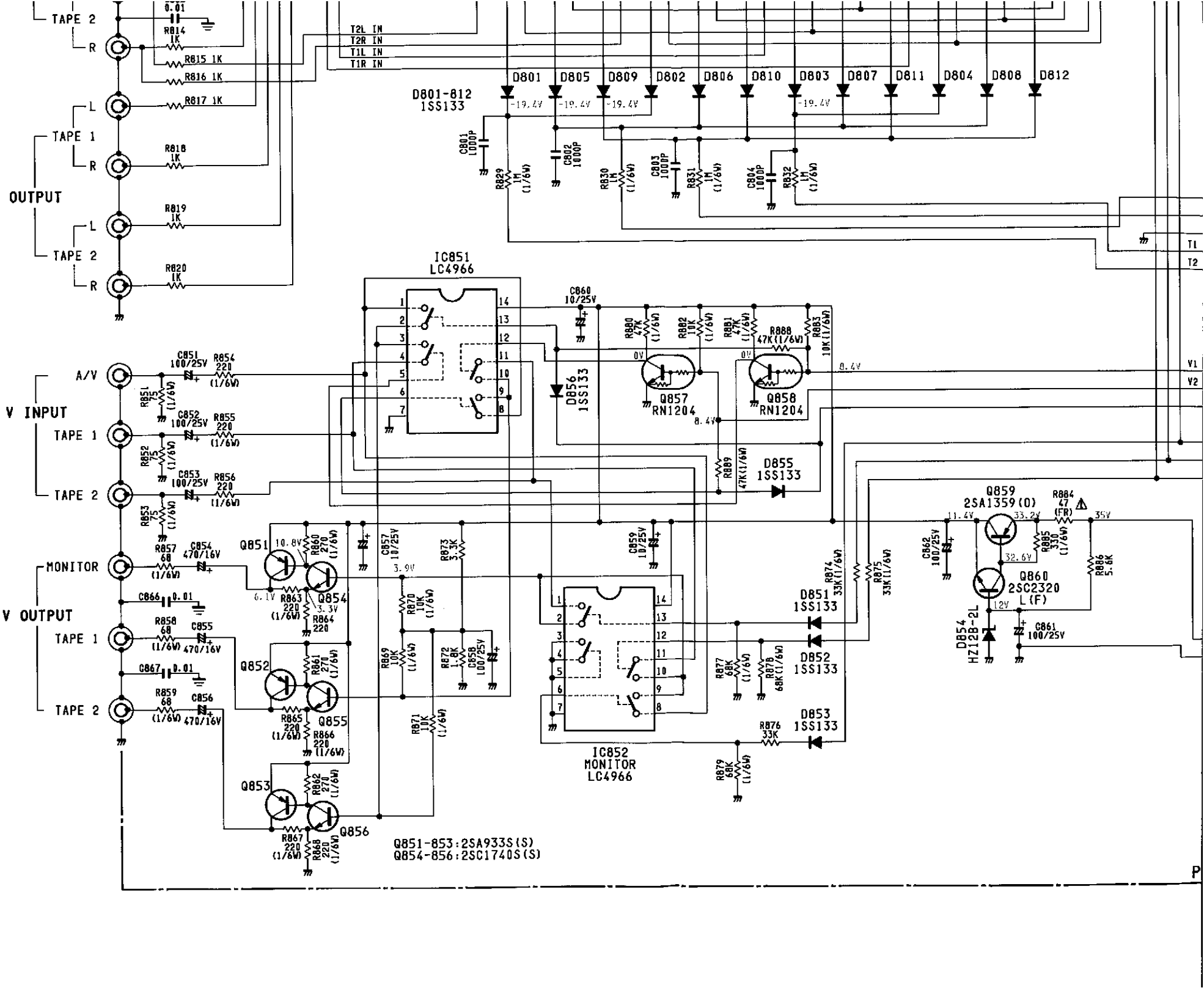
SCHEMATIC DIAGRAM (FUNCTION & VIDEO SECTION)

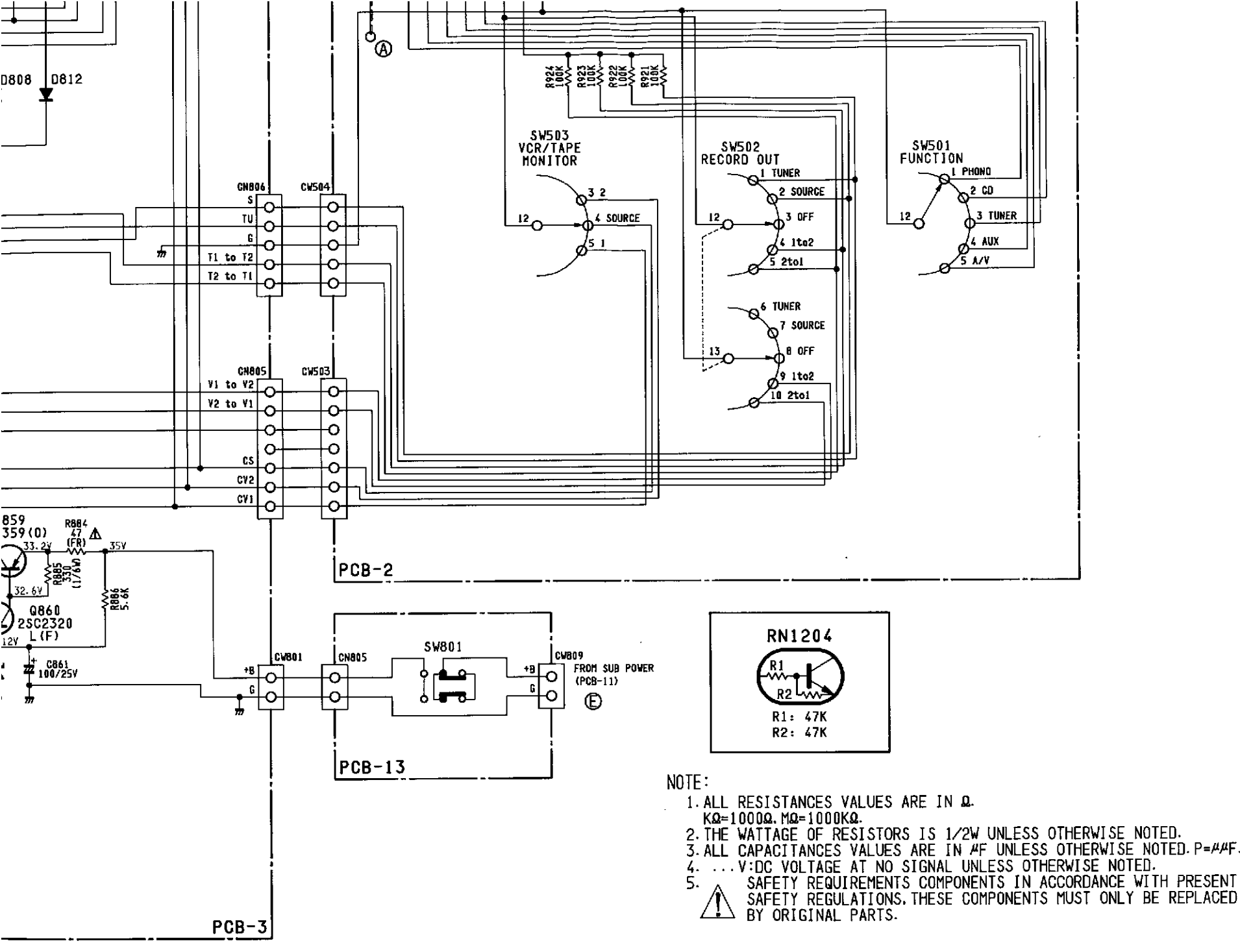


G H I J K L M N


CW802
FROM SUB POWER (PCB-11)
C
R839 22 (FR)
Q819 2SD667 A(C)
Q820 2SB647 A(C)
R842 22 (FR)
R840 2.7K
R841 2.7K
D821 HZ20-1L
D822 HZ20-1L
C814 100/25V
C812 100/25V
C813 100/25V
C815 100/25V
+B
-B
CN805
TO TONE CONTROL (PCB-2)
D
D815 1SS133
D817 1SS133
D818 1SS133
D816 1SS133
Q818
Q816
C806 1000P
C807 1000P
Q813-818 2SK364V
R833 1M (1/6W)
R834 1M (1/6W)
R835 1M (1/6W)
R836 100K (1/6W)
R837 100K (1/6W)
R838 100K (1/6W)
Muting Protector
CN807
MUTE
T1
PH
AUX
A/V
TUNER
CD
+B
-B
G
CW505

LC7818
A1
B1
C1
D1
E1
SOURCE1
TM1
OUT1
T MOUT
T MCTL
A CTL
B CTL
C CTL
D CTL
E CTL
M IN
INIT
A2
B2
C2
D2
E2
SOURCE2
TM2
OUT2
VDD
VSS
VEE
CR
MUTE
I/O CONTROL
F-F
LEVEL SHIFT
MUTE CONTROL TIMER


TAPE 2
R
L
TAPE 1
R
OUTPUT
L
TAPE 2
R
R814 1K
R815 1K
R816 1K
R817 1K
R818 1K
R819 1K
R820 1K
0.01
T2L IN
T2R IN
T1L IN
T1R IN
D801-812
1SS133
D801
D805
D809
D802
D806
D810
D803
D807
D811
D804
D808
D812
-19.4V
C801 1000P
C802 1000P
C803 1000P
C804 1000P
R829 1M (1/6W)
R830 1M (1/6W)
R831 1M (1/6W)
R832 1M (1/6W)
IC851
LC4966
C860 10/25V
R880 47K (1/6W)
R882 10K (1/6W)
R881 47K (1/6W)
R888 47K (1/6W)
R883 10K (1/6W)
0V
0.4V
8.4V
Q857
RN1204
Q858
RN1204
D856
1SS133
D855
1SS133
R889 47K (1/6W)
T1
T2
V1
V2
A/V
V INPUT
TAPE 1
TAPE 2
C851 100/25V
C852 100/25V
C853 100/25V
R854 220 (1/6W)
R855 220 (1/6W)
R856 220 (1/6W)
R851 75 (1/6W)
R852 75 (1/6W)
R853 75 (1/6W)
MONITOR
V OUTPUT
TAPE 1
TAPE 2
R857 68 (1/6W)
C854 470/16V
C866 0.01
R858 68 (1/6W)
C855 470/16V
C867 0.01
R859 68 (1/6W)
C856 470/16V
Q851
10.8V
R860 270 (1/6W)
C857 10/25V
3.9V
R873 3.3K
6.1V
R863 220 (1/6W)
Q854
3.3V
R864 220
R870 10K (1/6W)
Q852
R861 270 (1/6W)
R869 10K (1/6W)
R872 1.8K
C858 100/25V
R865 220 (1/6W)
Q855
R866 220 (1/6W)
R871 10K (1/6W)
Q853
R862 270 (1/6W)
R867 220 (1/6W)
Q856
R868 220 (1/6W)
Q851-853:2SA933S(S)
Q854-856:2SC1740S(S)
C859 10/25V
IC852
MONITOR
LC4966
D851
1SS133
D852
1SS133
D853
1SS133
R874 33K (1/6W)
R875 33K (1/6W)
R877 68K (1/6W)
R878 68K (1/6W)
R876 33K
R879 68K (1/6W)
Q859
2SA1359(O)
11.4V
33.2V
R884 47 (FR)
35V
C862 100/25V
R885 330 (1/6W)
32.6V
R886 5.6K
Q860
2SC2320
L(F)
12V
D854
HZ12B-2L
C861 100/25V



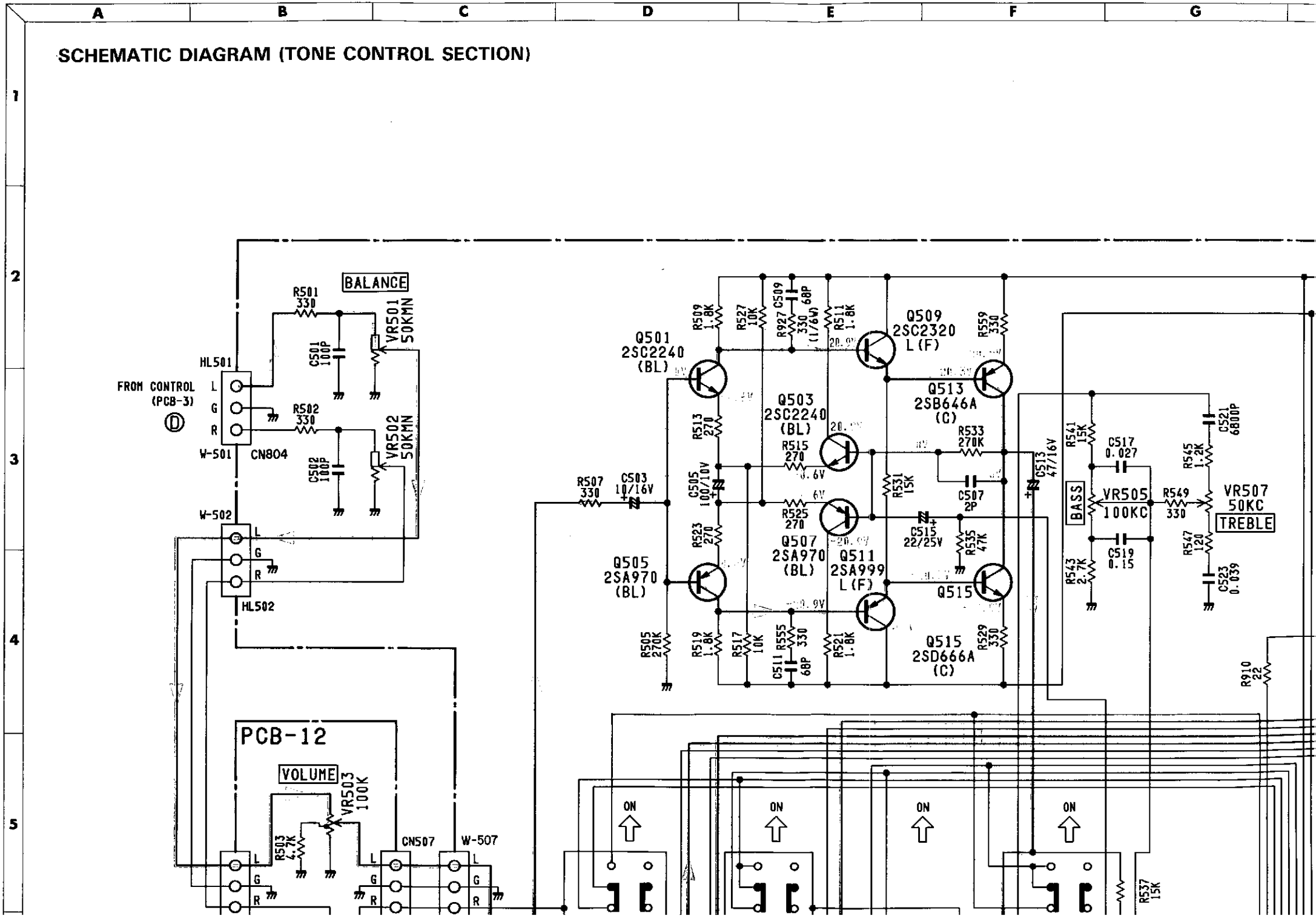
RN1204

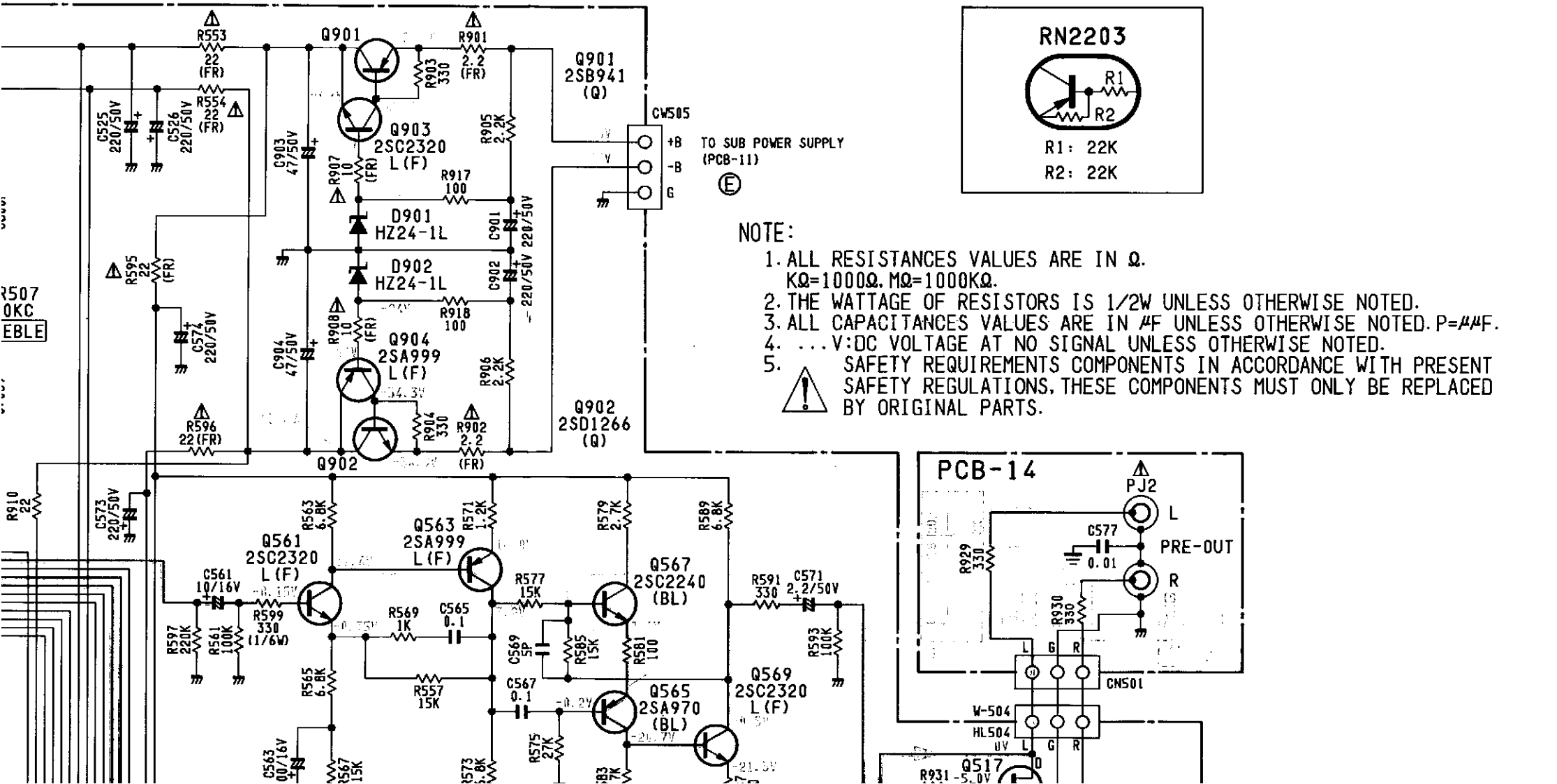
R1: 47K
R2: 47K

NOTE:

1. ALL RESISTANCES VALUES ARE IN Ω.
   KΩ=1000Ω. MΩ=1000KΩ.
2. THE WATTAGE OF RESISTORS IS 1/2W UNLESS OTHERWISE NOTED.
3. ALL CAPACITANCES VALUES ARE IN μF UNLESS OTHERWISE NOTED. P=μμF.
4. ...V:DC VOLTAGE AT NO SIGNAL UNLESS OTHERWISE NOTED.
5. ⚠ SAFETY REQUIREMENTS COMPONENTS IN ACCORDANCE WITH PRESENT SAFETY REGULATIONS. THESE COMPONENTS MUST ONLY BE REPLACED BY ORIGINAL PARTS.

SCHEMATIC DIAGRAM (TONE CONTROL SECTION)



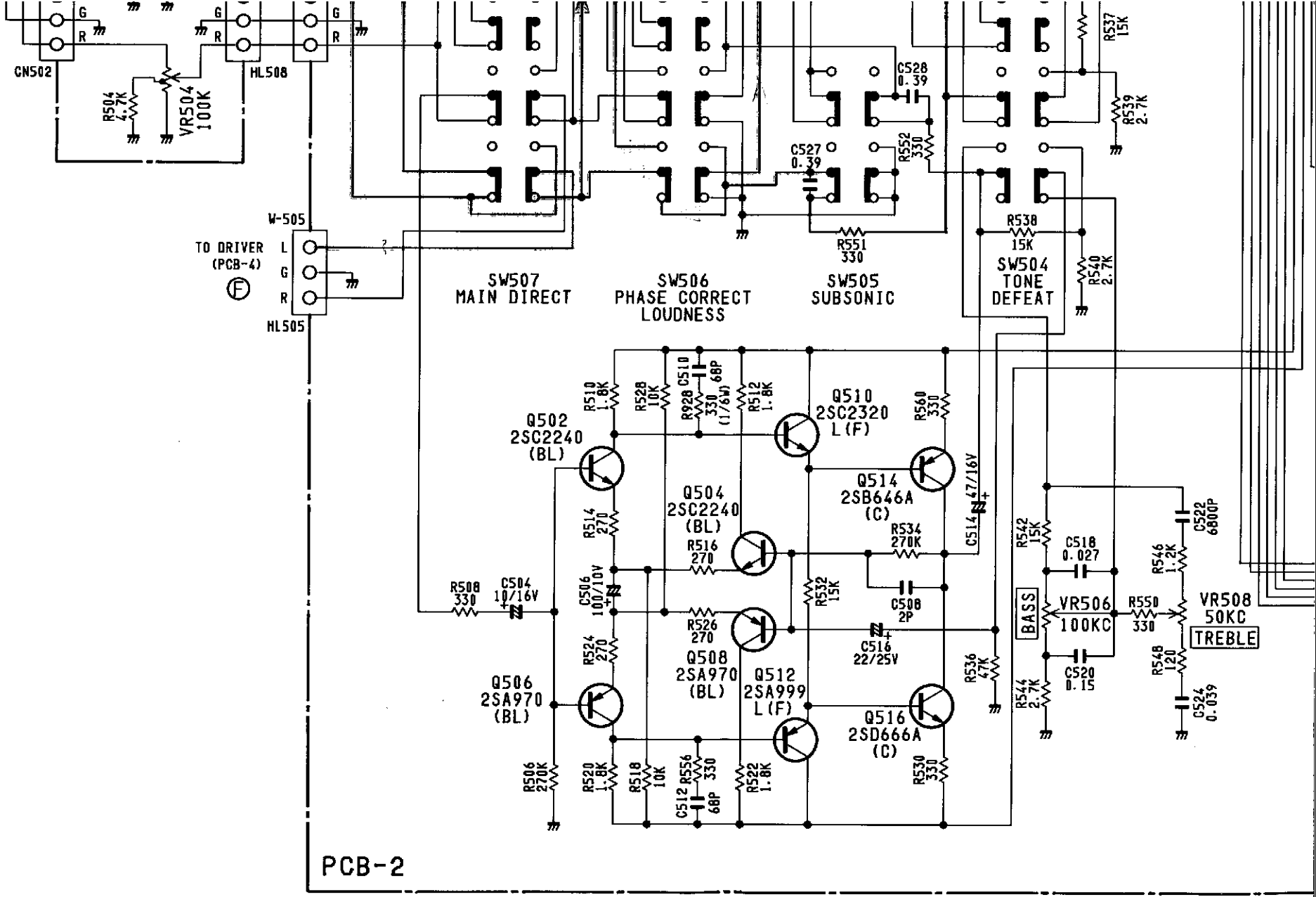


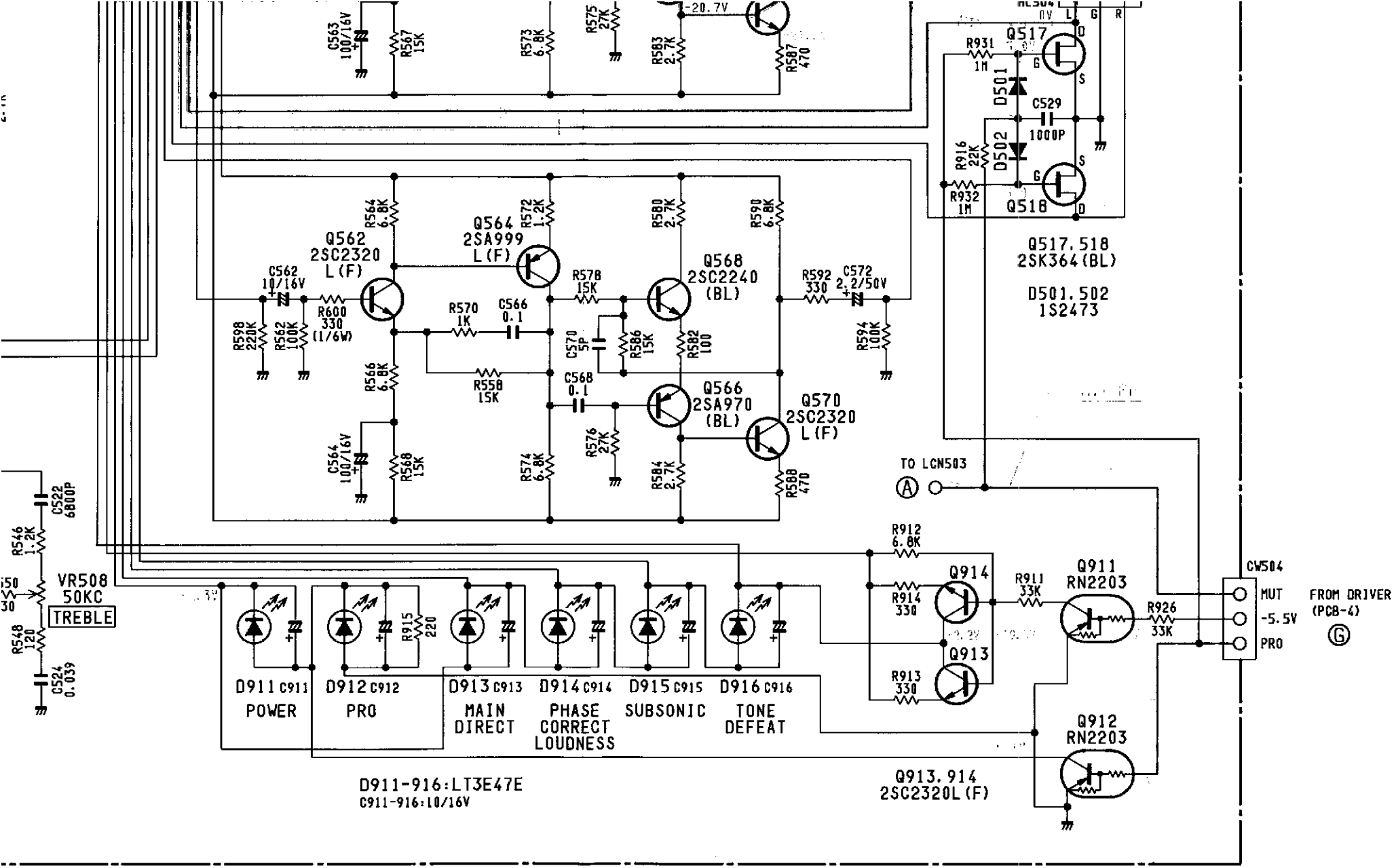
RN2203

R1: 22K
R2: 22K

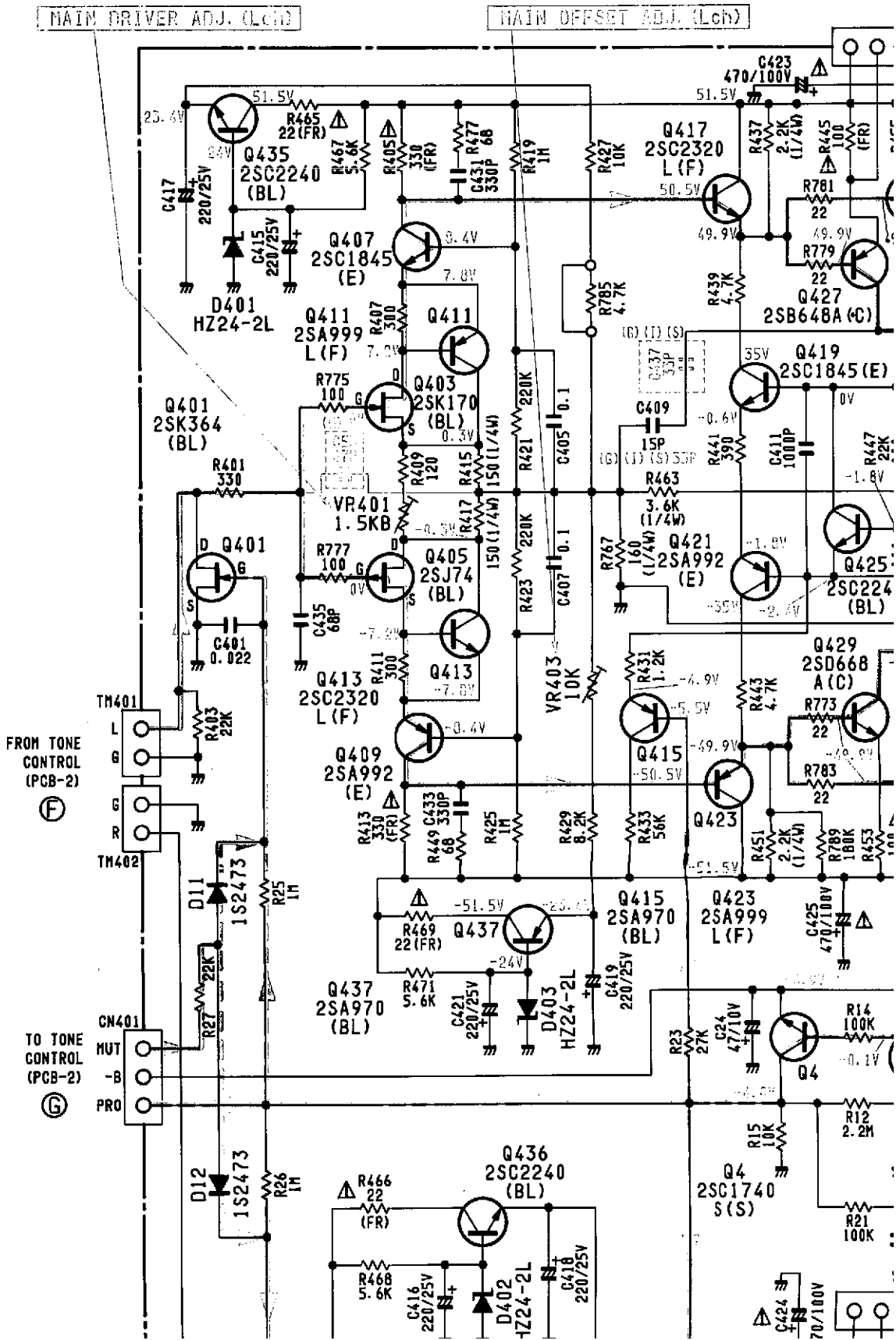
NOTE:

1. ALL RESISTANCES VALUES ARE IN Ω. KΩ=1000Ω. MΩ=1000KΩ.
2. THE WATTAGE OF RESISTORS IS 1/2W UNLESS OTHERWISE NOTED.
3. ALL CAPACITANCES VALUES ARE IN μF UNLESS OTHERWISE NOTED. P=μμF.
4. ...V:DC VOLTAGE AT NO SIGNAL UNLESS OTHERWISE NOTED.
5. ⚠ SAFETY REQUIREMENTS COMPONENTS IN ACCORDANCE WITH PRESENT SAFETY REGULATIONS. THESE COMPONENTS MUST ONLY BE REPLACED BY ORIGINAL PARTS.

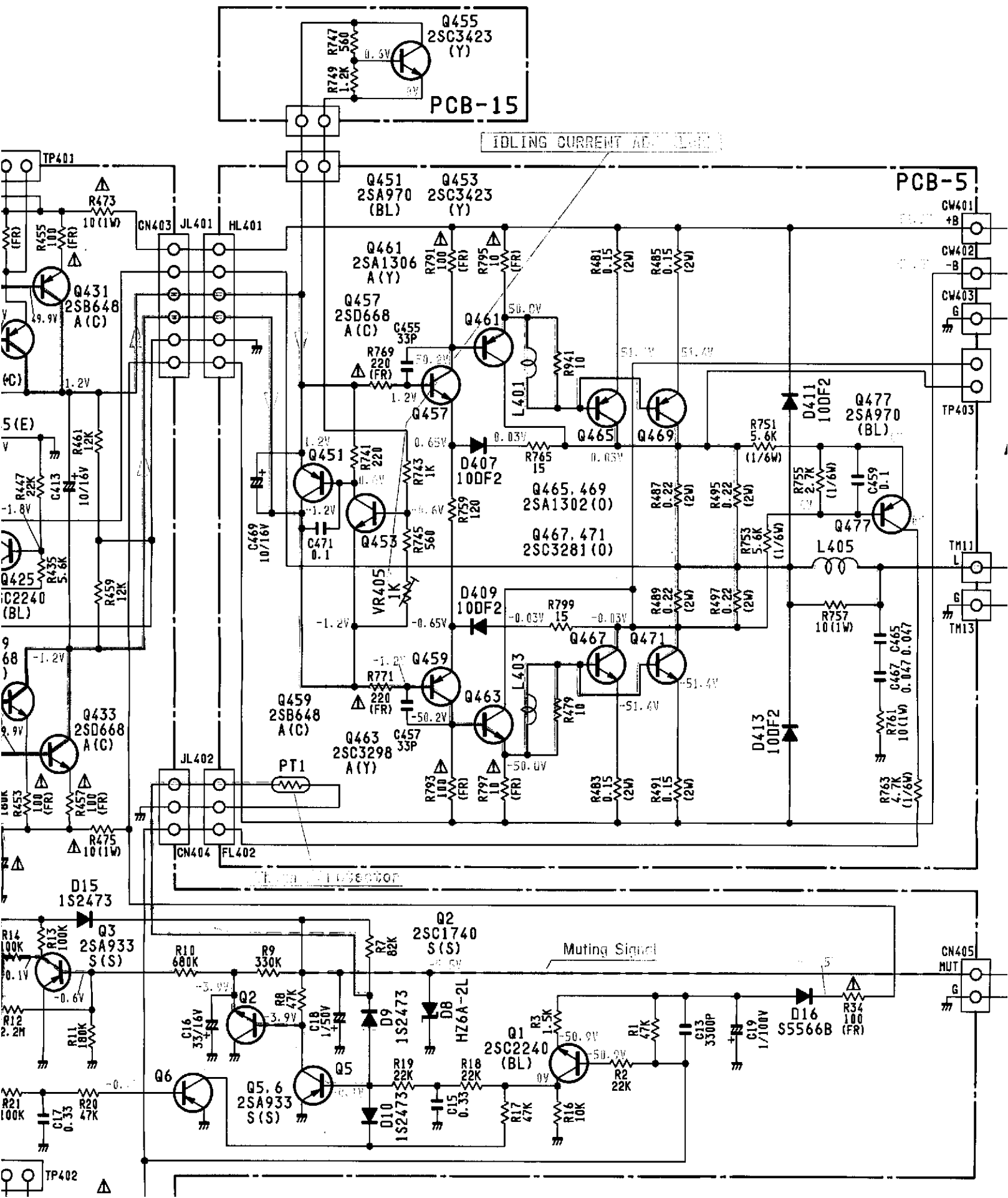

CN502
HL508
HL505
W-505
TO DRIVER (PCB-4)
L
G
R
R504 4.7K
VR504 100K
SW507 MAIN DIRECT
SW506 PHASE CORRECT LOUDNESS
SW505 SUBSONIC
SW504 TONE DEFEAT
R551 330
R552 330
C527 0.39
C528 0.39
R538 15K
R539 2.7K
R540 2.7K
R537 15K
Q502 2SC2240 (BL)
Q504 2SC2240 (BL)
Q506 2SA970 (BL)
Q508 2SA970 (BL)
Q510 2SC2320 L(F)
Q512 2SA999 L(F)
Q514 2SB646A (C)
Q516 2SD666A (C)
R508 330
C504 10/16V
C506 100/10V
R510 1.8K
R528 10K
C510 68P
R928 330 (1/6W)
R512 1.8K
R514 270
R516 270
R524 270
R526 270
R506 270K
R520 1.8K
R518 10K
C512 68P
R556 330
R522 1.8K
R560 330
R534 270K
C508 2P
R532 15K
C516 22/25V
C514 47/16V
R536 47K
R530 330
R542 15K
C518 0.027
BASS
VR506 100KC
C520 0.15
R544 2.7K
R550 330
VR508 50KC
TREBLE
R546 1.2K
C522 6800P
R548 120
C524 0.039
PCB-2

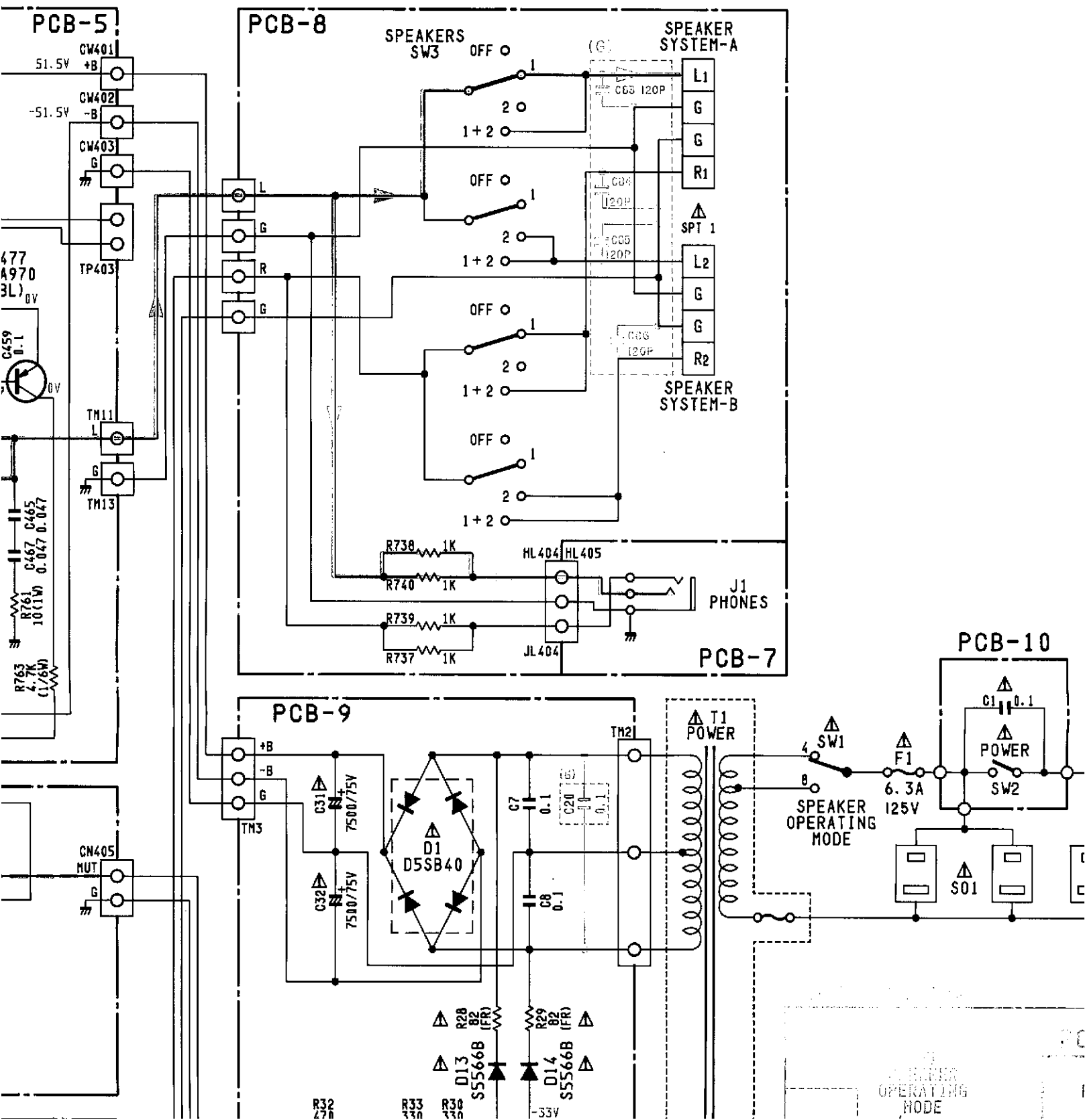

Q562
2SC2320
L(F)
Q564
2SA999
L(F)
Q568
2SC2240
(BL)
Q566
2SA970
(BL)
Q570
2SC2320
L(F)
Q517
Q518
2SK364(BL)
D501,502
1S2473
TO LCN503
VR508
50KC
TREBLE
D911 C911
POWER
D912 C912
PRO
D913 C913
MAIN
DIRECT
D914 C914
PHASE
CORRECT
LOUDNESS
D915 C915
SUBSONIC
D916 C916
TONE
DEFEAT
D911-916:LT3E47E
C911-916:10/16V
Q914
Q913
Q911
RN2203
Q912
RN2203
Q913,914
2SC2320L(F)
CW504
MUT
-5.5V
PRO
FROM DRIVER
(PCB-4)

SCHEMATIC DIAGRAM (POWER AMP SECTION)

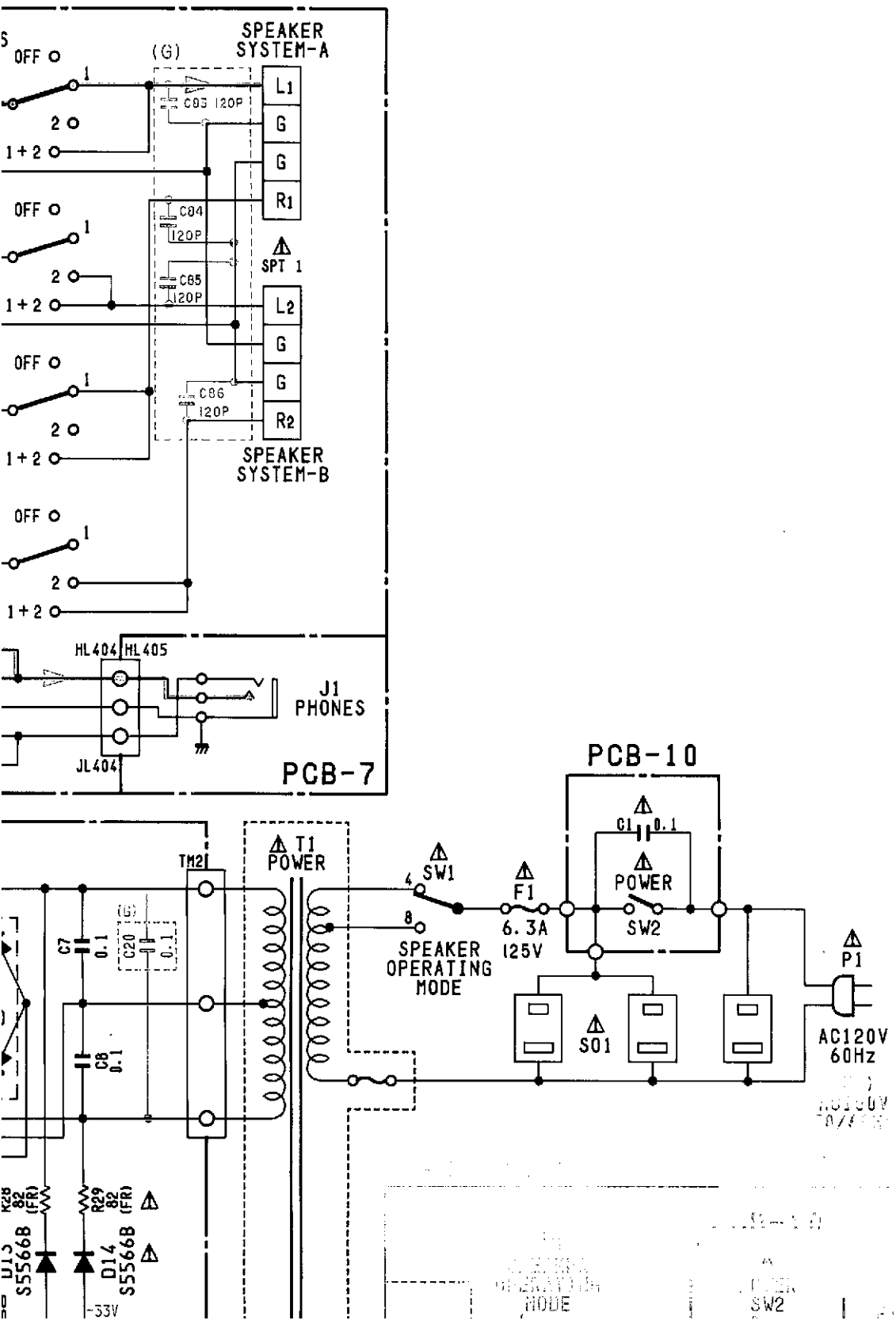


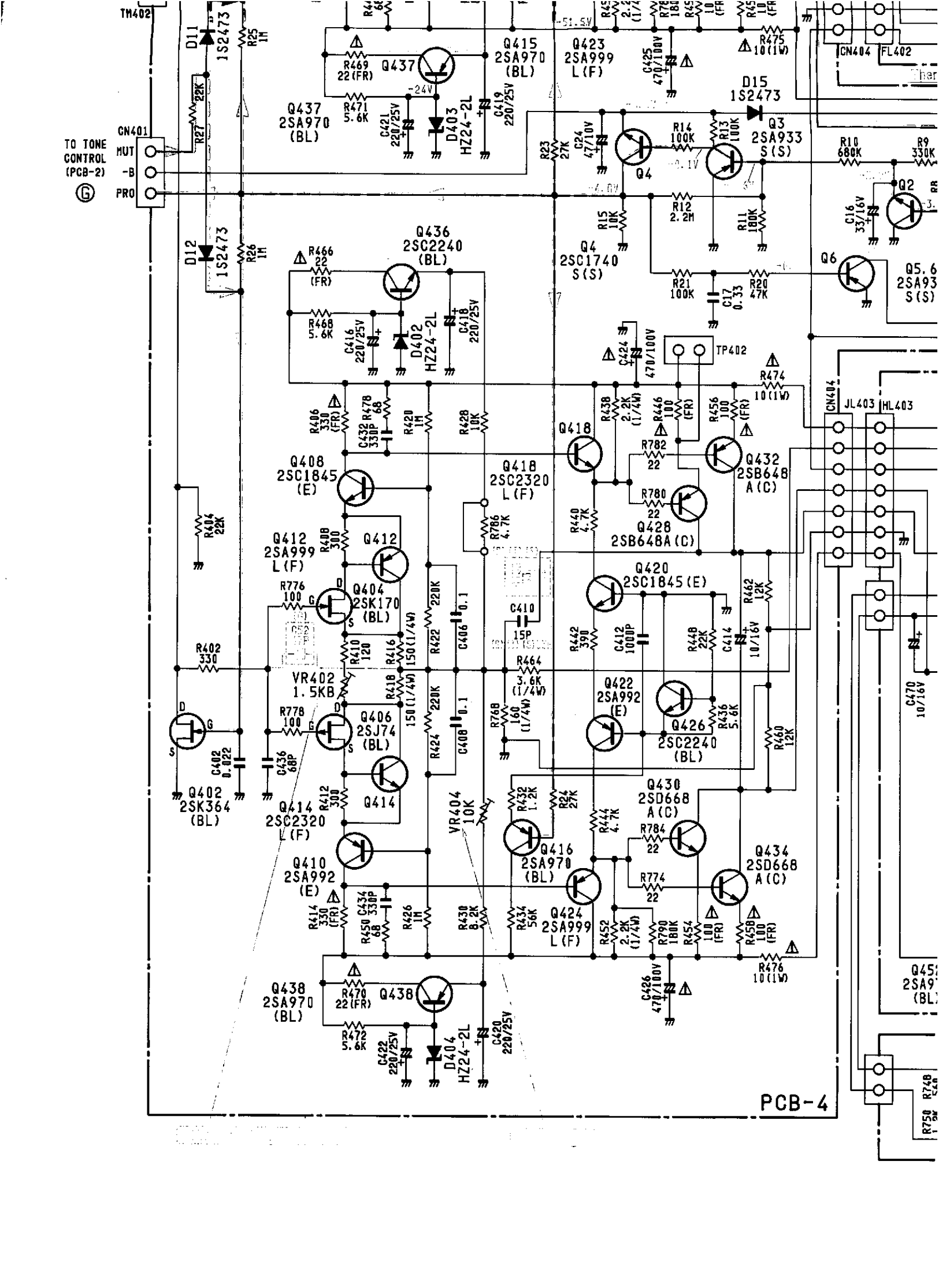
F	G	H	I	J

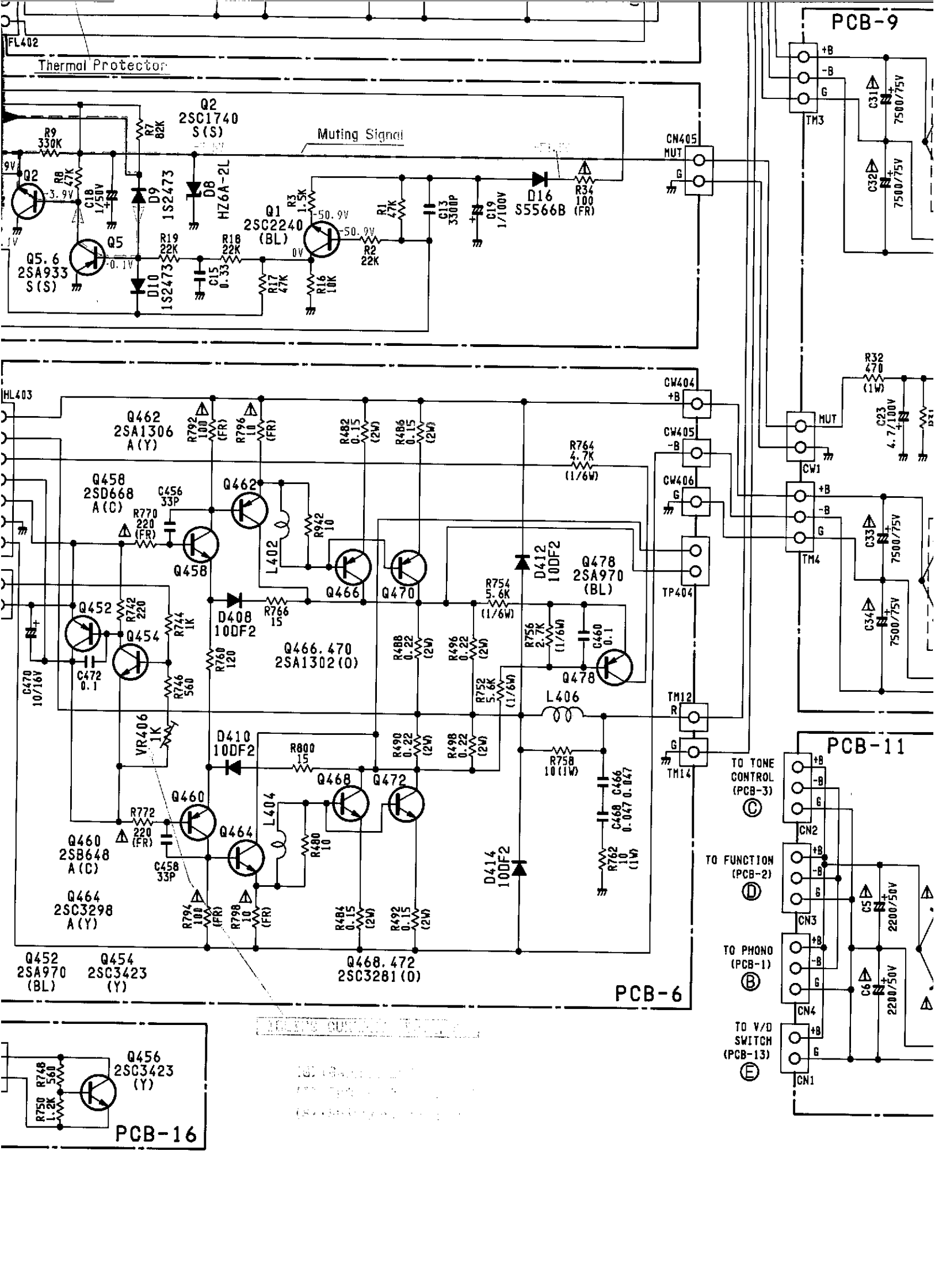

PCB-15
Q455
2SC3423
(Y)
R747
560
R749
1.2K
0.6V
0V
PCB-5
IDLING CURRENT ADJ
Q451
2SA970
(BL)
Q453
2SC3423
(Y)
Q461
2SA1306
A(Y)
Q457
2SD668
A(C)
C455
33P
R769
220
(FR)
Q431
2SB648
A(C)
Q433
2SD668
A(C)
Q425
2C2240
(BL)
Q459
2SB648
A(C)
Q463
2SC3298
A(Y)
Q465, 469
2SA1302(O)
Q467, 471
2SC3281(O)
Q477
2SA970
(BL)
L401
L403
L405
VR405
1K
D407
10DF2
D409
10DF2
D411
10DF2
D413
10DF2
D15
1S2473
Q3
2SA933
S(S)
Q2
2SC1740
S(S)
Q1
2SC2240
(BL)
Q5, 6
2SA933
S(S)
D9
1S2473
D8
HZ6A-2L
D10
1S2473
D16
S5566B
Muting Signal
TP401
TP402
TP403
CN403
JL401
HL401
JL402
CN404
FL402
PT1
CW401
+B
CW402
-B
CW403
G
TM11
L
TM13
G
CN405
MUT
G
R473
10(1W)
R475
10(1W)
R757
10(1W)
R751
5.6K
(1/6W)
R753
5.6K
(1/6W)
R755
2.7K
(1/6W)
R763
4.7K
(1/6W)
R761
10(1W)
R455
100
(FR)
R453
100
(FR)
R457
100
(FR)
R461
12K
R459
12K
R435
5.6K
R447
22K
C413
10/16V
C469
10/16V
C471
0.1
C459
0.1
C465
0.047
C467
0.047
R741
220
R743
1K
R745
560
R759
120
R765
15
R799
15
R771
220
(FR)
R791
100
(FR)
R795
10
(FR)
R793
100
(FR)
R797
10
(FR)
R481
0.15
(2W)
R485
0.15
(2W)
R483
0.15
(2W)
R491
0.15
(2W)
R487
0.22
(2W)
R495
0.22
(2W)
R489
0.22
(2W)
R497
0.22
(2W)
R941
10
R479
10
R7
82K
R10
680K
R9
330K
R8
47K
R14
100K
R13
100K
R12
2.2M
R11
180K
R21
100K
R20
47K
R3
1.5K
R1
47K
R2
22K
R19
22K
R18
22K
R17
47K
R16
10K
R34
100
(FR)
C16
33/16V
C18
1/50V
C17
0.33
C15
0.33
C13
3300P
C19
1/100V
50.0V
51.4V
-50.2V
-51.4V
-50.0V
-1.2V
-0.65V
-0.03V
0.65V
0.03V
1.2V
-1.8V
49.9V
-3.9V
-0.6V
0.1V
0V
-50.9V

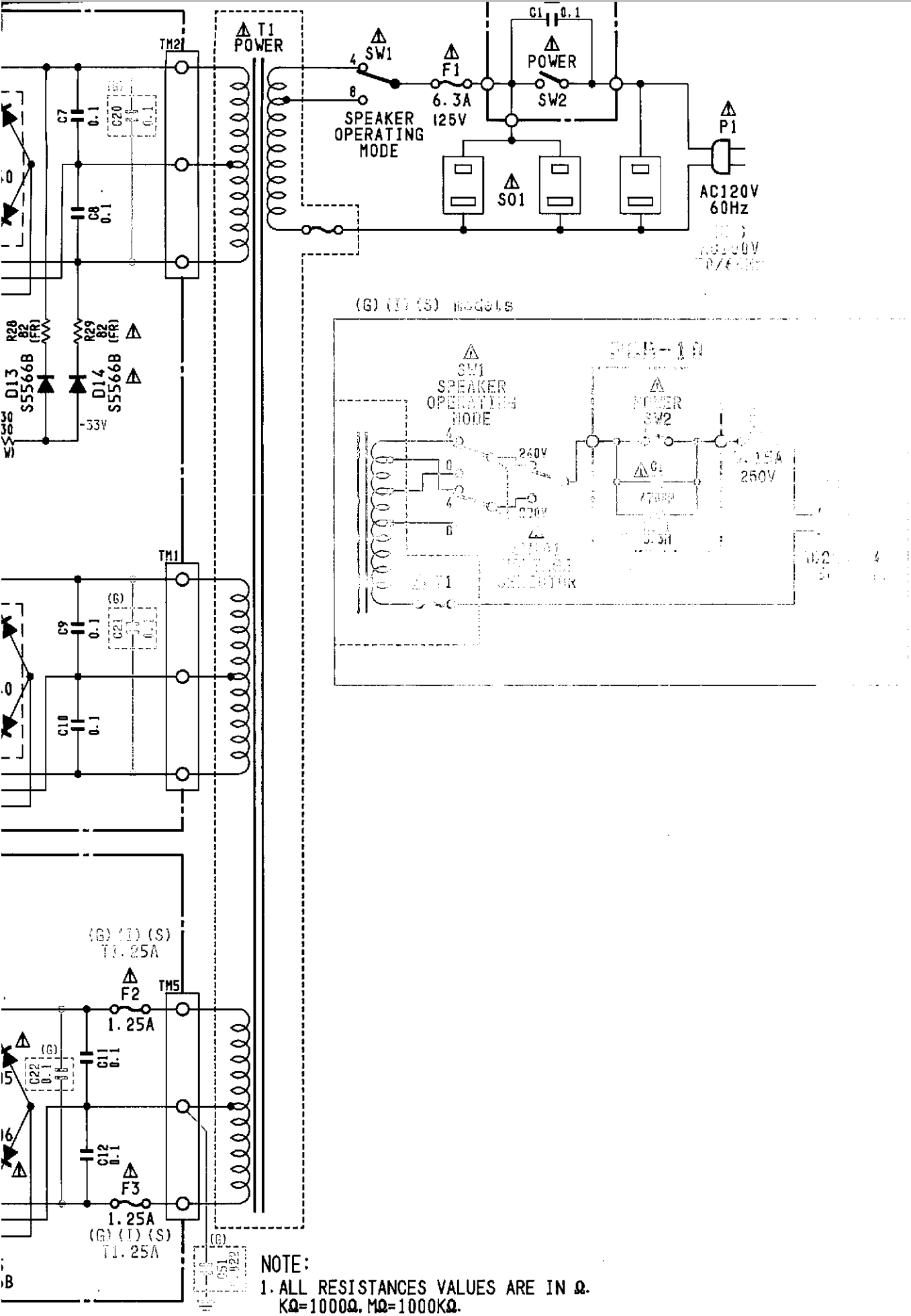

PCB-5
PCB-8
PCB-7
PCB-9
PCB-10
SPEAKERS SW3
SPEAKER SYSTEM-A
SPEAKER SYSTEM-B
SPT 1
J1 PHONES
JL404
HL404 HL405
T1 POWER
SW1
F1 6.3A 125V
SW2
POWER
SPEAKER OPERATING MODE
S01
D1 D5SB40
D13 S5566B
D14 S5566B
CW401 +B 51.5V
CW402 -B -51.5V
CW403 G
TP403
TM11
TM13
TM3
TM2
CN405 MUT
R738 1K
R740 1K
R739 1K
R737 1K
R763 4.7K (1/6W)
R761 10 (1W)
C459 0.1
C465
C467 0.047
C31 7500/75V
C32 7500/75V
C7 0.1
C8 0.1
C20 10
C1 0.1
R28 82 (FR)
R29 82 (FR)
R32 470
R33 330
R30 330
-33V

M	N	O	P	Q


SPEAKER SYSTEM-A
OFF
1
2
1+2
(G)
C83 120P
L1
G
G
R1
C84 120P
C85 120P
C86 120P
SPT 1
L2
G
G
R2
SPEAKER SYSTEM-B
HL404
HL405
J1 PHONES
JL404
PCB-7
PCB-10
C1 0.1
POWER
SW2
SW1
F1
6.3A 125V
SPEAKER OPERATING MODE
P1
AC120V 60Hz
SO1
T1 POWER
TM2
C7 0.1
C20 0.1
C8 0.1
R28 82 (FR)
R29 82 (FR)
D13 S5566B
D14 S5566B
-33V


TM402
D11
1S2473
R25
1M
CN401
TO TONE
CONTROL
(PCB-2)
MUT
-B
PRO
R27
22K
D12
1S2473
R26
1M
R469
22(FR)
Q437
-24V
R471
5.6K
C421
220/25V
D403
HZ24-2L
C419
220/25V
Q437
2SA970
(BL)
Q415
2SA970
(BL)
Q423
2SA999
L(F)
C425
470/100V
R475
10(1W)
CN404
FL402
D15
1S2473
Q3
2SA933
S(S)
R14
100K
R13
100K
R23
27K
C24
47/10V
Q4
R12
2.2M
R15
10K
R11
180K
R10
680K
R9
330K
Q2
C16
33/16V
Q4
2SC1740
S(S)
R21
100K
C17
0.33
R20
47K
Q6
Q5.6
2SA93
S(S)
R466
22
(FR)
Q436
2SC2240
(BL)
R468
5.6K
C416
220/25V
D402
HZ24-2L
C418
220/25V
C424
470/100V
TP402
R474
10(1W)
R406
330
(FR)
C432
330P
R478
68
R420
1M
R428
10K
R438
2.2K
(1/4W)
R446
100
(FR)
R456
100
(FR)
Q418
R782
22
Q432
2SB648
A(C)
Q408
2SC1845
(E)
Q418
2SC2320
L(F)
R780
22
Q428
2SB648A(C)
R786
4.7K
R440
4.7K
R404
22K
Q412
2SA999
L(F)
R408
300
Q412
R776
100
Q404
2SK170
(BL)
C410
15P
Q420
2SC1845(E)
R462
12K
R442
390
C412
1000P
R448
22K
C414
10/16V
R402
330
R410
120
R416
150(1/4W)
R422
220K
C406
0.1
VR402
1.5KB
R418
150(1/4W)
R464
3.6K
(1/4W)
C470
10/16V
R778
100
Q406
2SJ74
(BL)
R424
220K
C408
0.1
R768
160
(1/4W)
Q422
2SA992
(E)
Q426
2SC2240
(BL)
R436
5.6K
R460
12K
Q402
2SK364
(BL)
C402
0.022
C436
68P
Q414
R412
300
Q414
2SC2320
L(F)
VR404
10K
R432
1.2K
R24
27K
Q430
2SD668
A(C)
R444
4.7K
R784
22
Q410
2SA992
(E)
Q416
2SA970
(BL)
Q434
2SD668
A(C)
R774
22
R414
330
(FR)
C434
330P
R450
68
R426
1M
R430
8.2K
R434
56K
Q424
2SA999
L(F)
R452
2.2K
(1/4W)
R790
180K
R454
100
(FR)
R458
100
(FR)
R476
10(1W)
C426
470/100V
Q438
2SA970
(BL)
R470
22(FR)
Q438
R472
5.6K
C422
220/25V
D404
HZ24-2L
C420
220/25V
PCB-4


FL402
Thermal Protector
Q2
2SC1740
S(S)
Muting Signal
R9
330K
R7
82K
R8
47K
C18
1/50V
D9
1S2473
D8
HZ6A-2L
Q1
2SC2240
(BL)
R3
1.5K
R1
47K
C13
3300P
C19
1/100V
D16
S5566B
R34
100
(FR)
CN405
MUT
G
Q5
Q5.6
2SA933
S(S)
R19
22K
R18
22K
D10
1S2473
C15
0.33
R17
47K
R16
10K
R2
22K
PCB-9
+B
-B
G
TM3
C31
7500/75V
C32
7500/75V
HL403
Q462
2SA1306
A(Y)
R792
100
(FR)
R796
10
(FR)
R482
0.15
(2W)
R486
0.15
(2W)
R764
4.7K
(1/6W)
CW404
+B
CW405
-B
CW406
G
MUT
CW1
R32
470
(1W)
C23
4.7/100V
Q458
2SD668
A(C)
C456
33P
R770
220
(FR)
Q458
Q462
R942
10
L402
Q466
Q470
D412
10DF2
Q478
2SA970
(BL)
R754
5.6K
(1/6W)
TP404
TM4
C33
7500/75V
C34
7500/75V
Q452
R742
220
R744
1K
Q454
C472
0.1
C470
10/16V
D408
10DF2
R766
15
R760
120
Q466.470
2SA1302(O)
R488
0.22
(2W)
R496
0.22
(2W)
R756
2.7K
(1/6W)
C460
0.1
Q478
R752
5.6K
(1/6W)
L406
TM12
R
G
TM14
R746
560
VR406
1K
D410
10DF2
R800
15
R490
0.22
(2W)
R498
0.22
(2W)
R758
10(1W)
C466
0.047
R762
10
(1W)
Q460
R772
220
(FR)
C458
33P
Q468
Q472
L404
R480
10
Q464
D414
10DF2
Q460
2SB648
A(C)
Q464
2SC3298
A(Y)
R794
100
(FR)
R798
10
(FR)
R484
0.15
(2W)
R492
0.15
(2W)
Q452
2SA970
(BL)
Q454
2SC3423
(Y)
Q468.472
2SC3281(O)
PCB-6
PCB-11
TO TONE
CONTROL
(PCB-3)
Ⓒ
CN2
TO FUNCTION
(PCB-2)
Ⓓ
CN3
TO PHONO
(PCB-1)
Ⓑ
CN4
TO V/D
SWITCH
(PCB-13)
Ⓔ
CN1
C5
2200/50V
C6
2200/50V
Q456
2SC3423
(Y)
R748
560
R750
1.2K
PCB-16



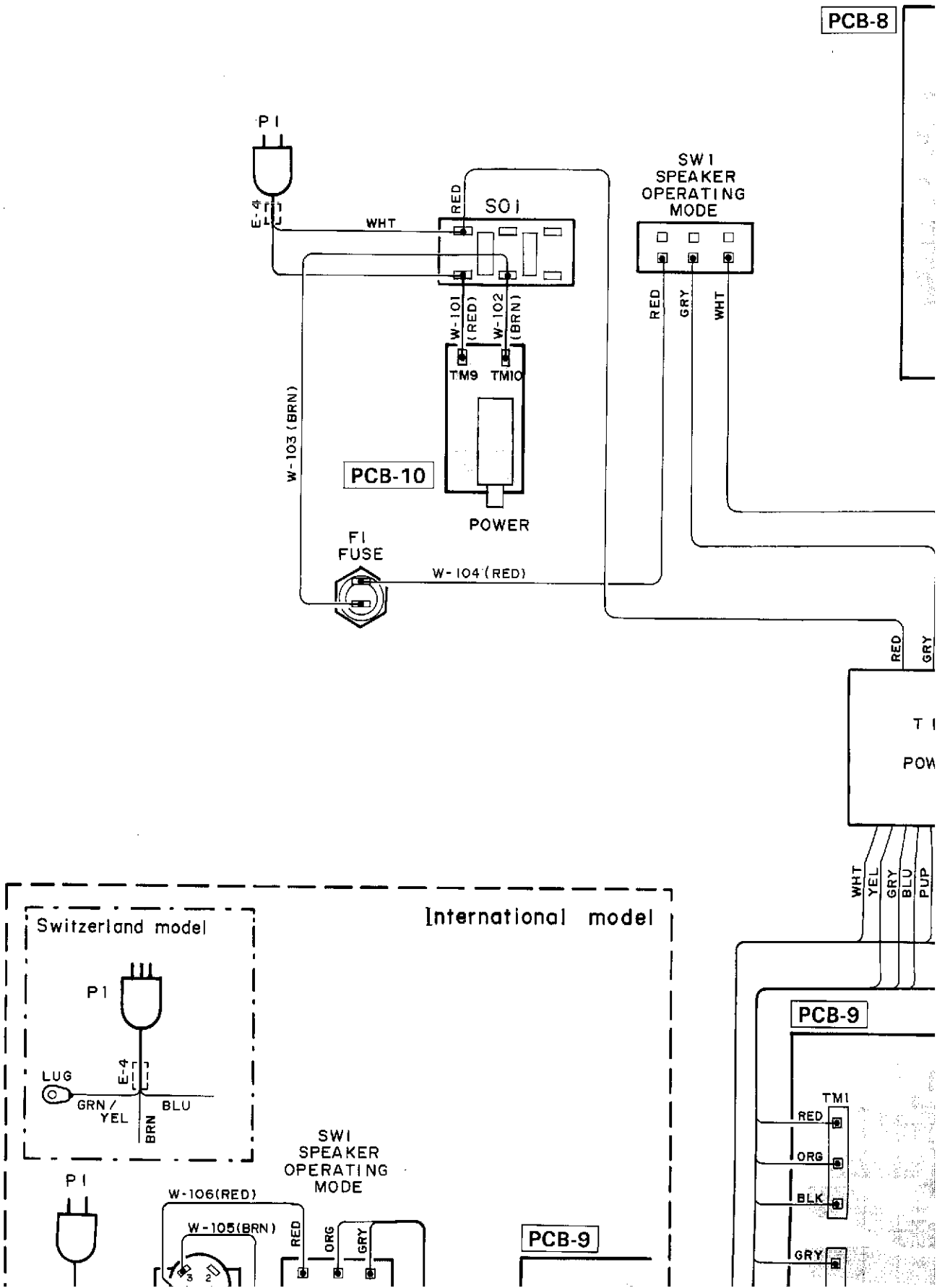
NOTE:

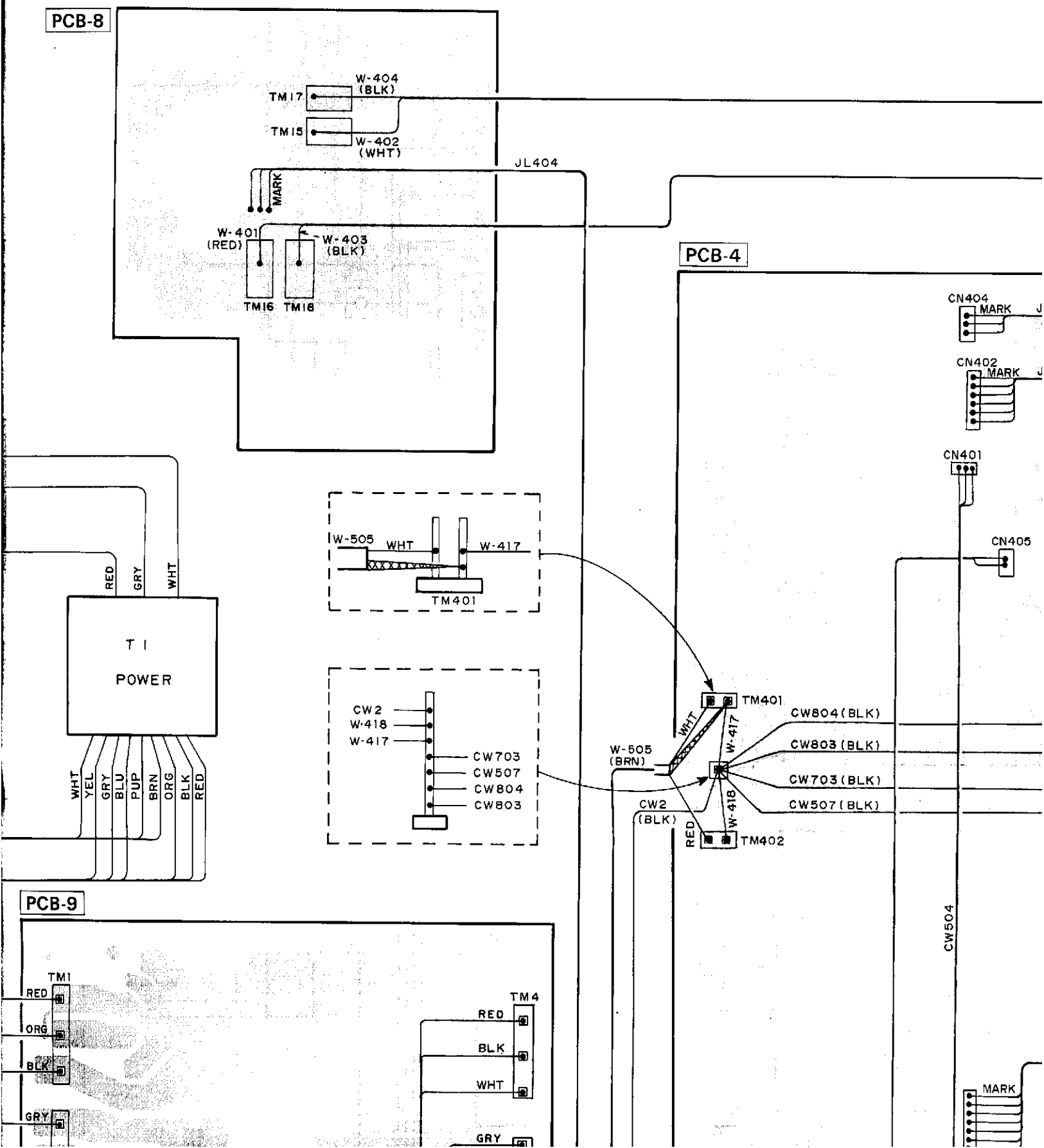
1. ALL RESISTANCES VALUES ARE IN Ω.
   KΩ=1000Ω, MΩ=1000KΩ.
2. THE WATTAGE OF RESISTORS IS 1/2W UNLESS OTHERWISE NOTED.
3. ALL CAPACITANCES VALUES ARE IN μF UNLESS OTHERWISE NOTED. P=μμF.
4. ...V:DC VOLTAGE AT NO SIGNAL UNLESS OTHERWISE NOTED.
5. ⚠ SAFETY REQUIREMENTS COMPONENTS IN ACCORDANCE WITH PRESENT SAFETY REGULATIONS. THESE COMPONENTS MUST ONLY BE REPLACED BY ORIGINAL PARTS.

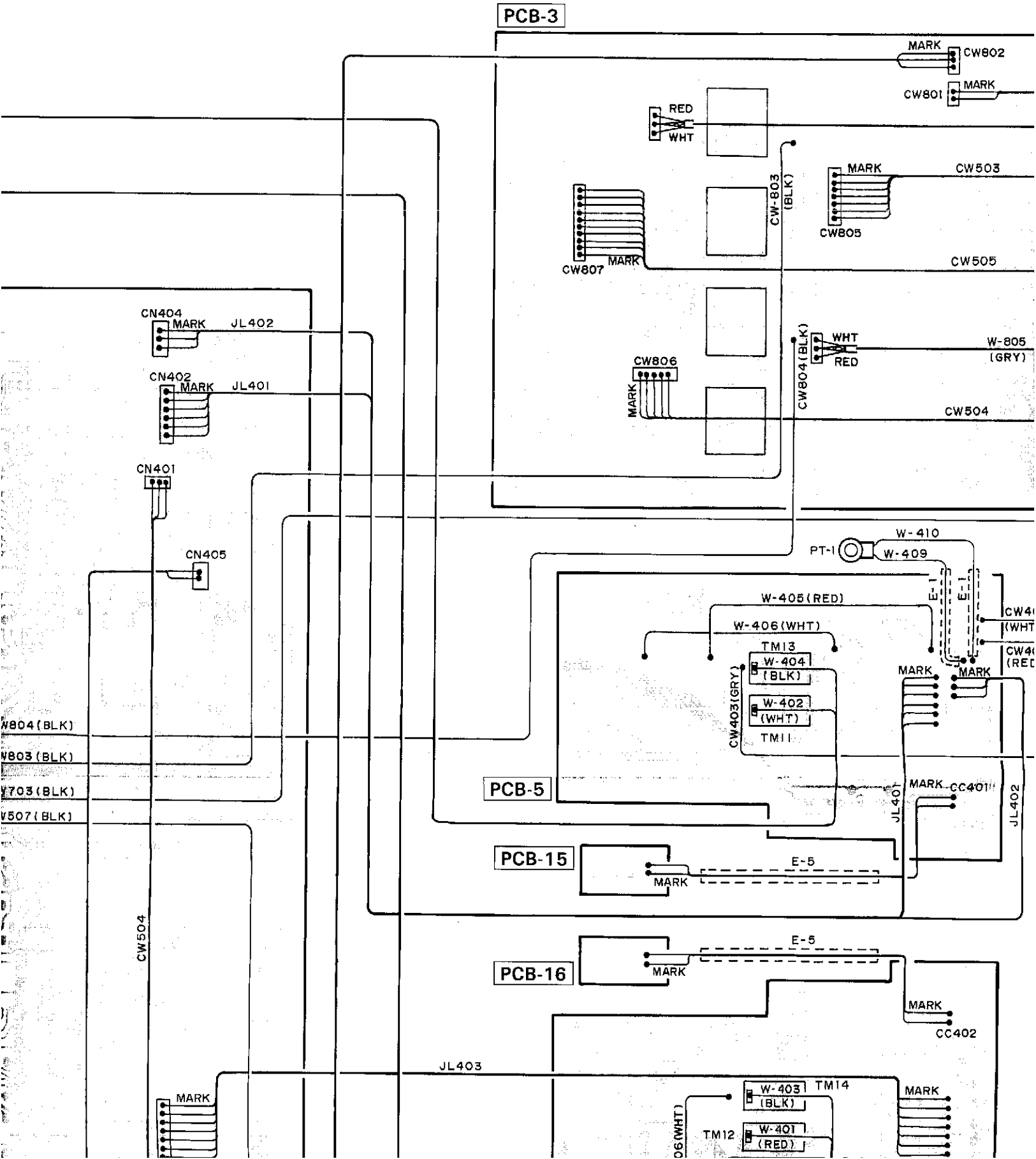
WIRING DIAGRAM

WIRE COLOR ABBREVIATIONS

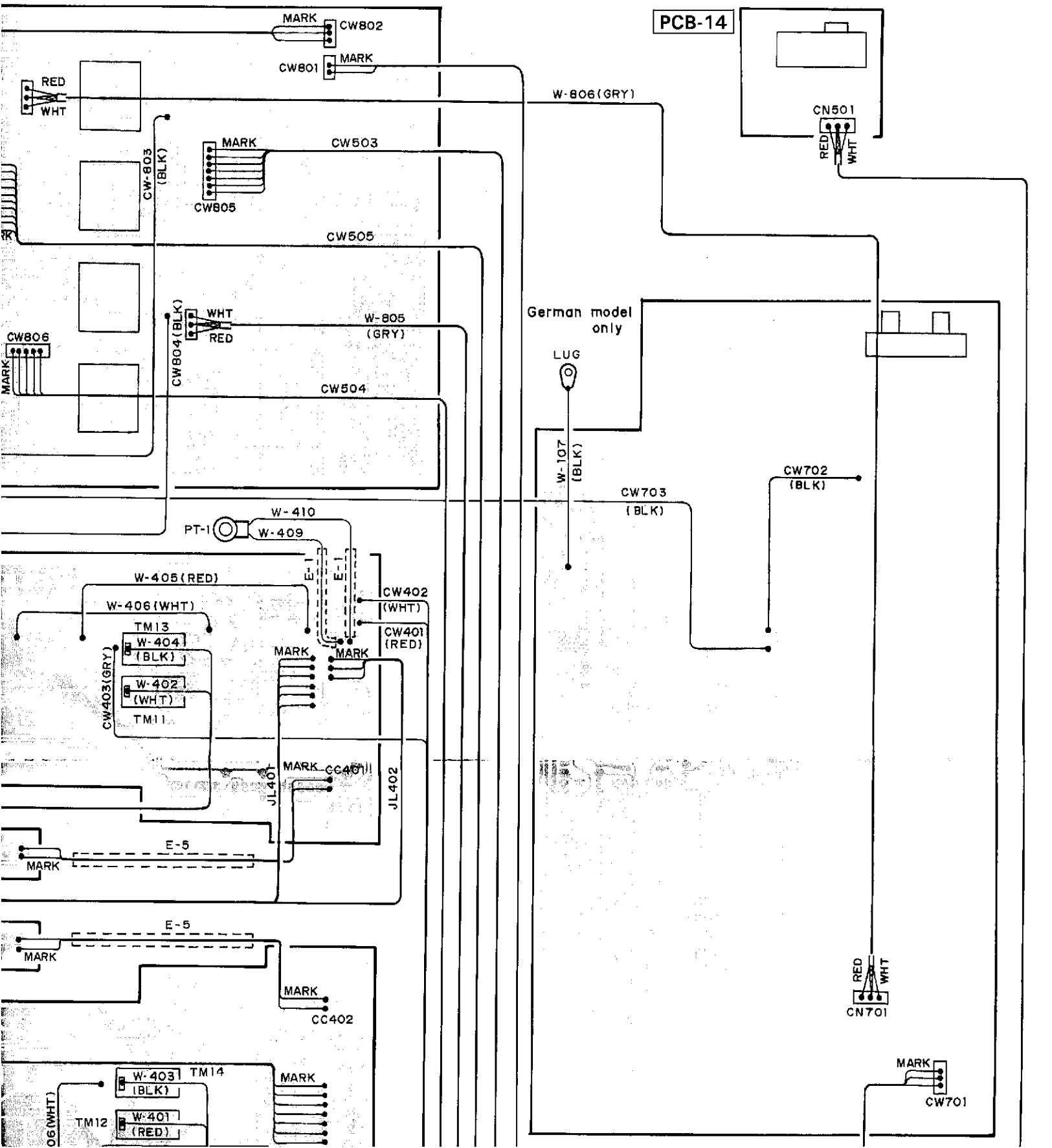
Red	: RED	YEL	: Yellow
ORG	: Orange	PUP	: Purple
BLU	: Blue	PIK	: Pink
WHT	: White	GRY	: Gray
GRN	: Green	BRN	: Brown
BLK	: Black		

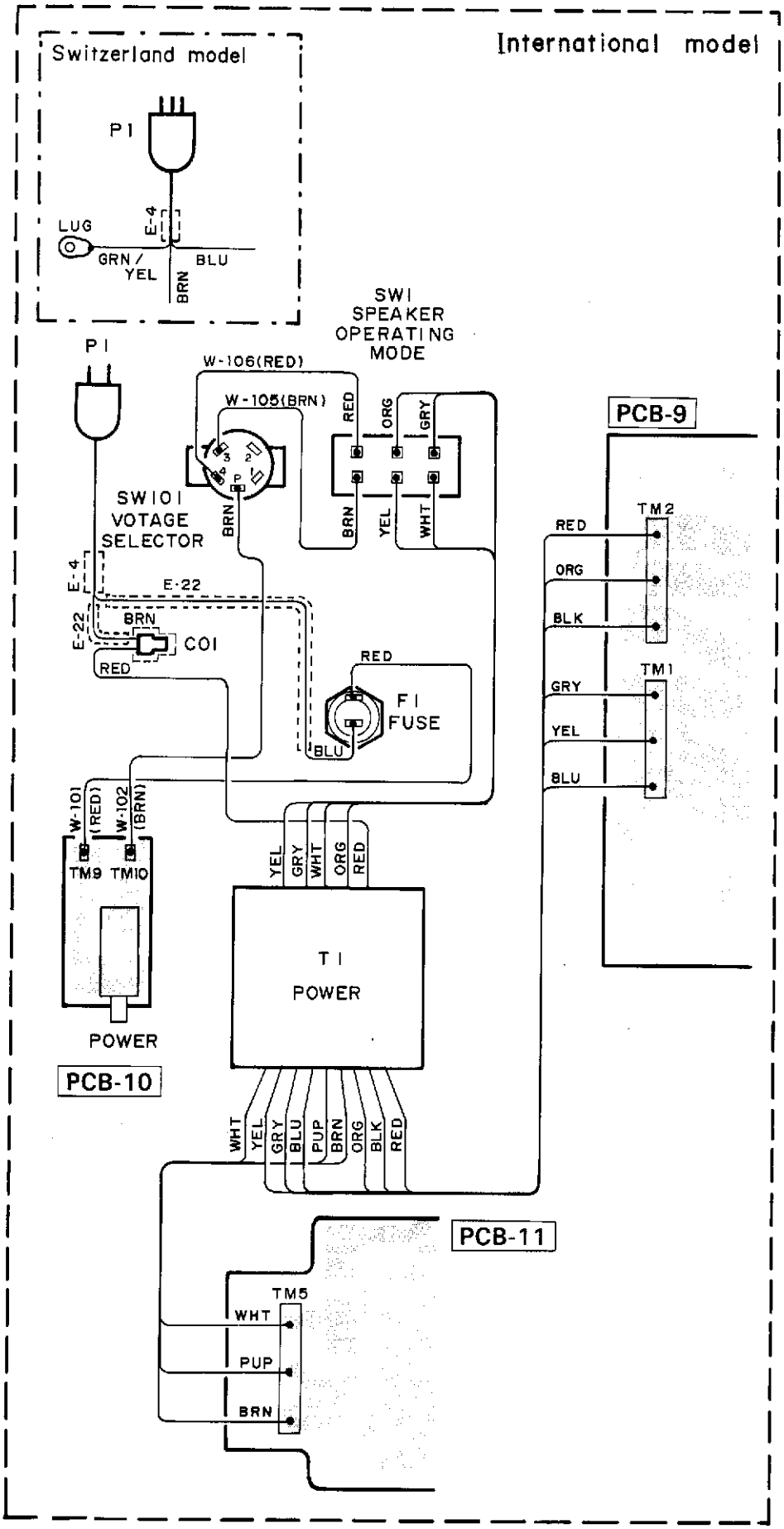


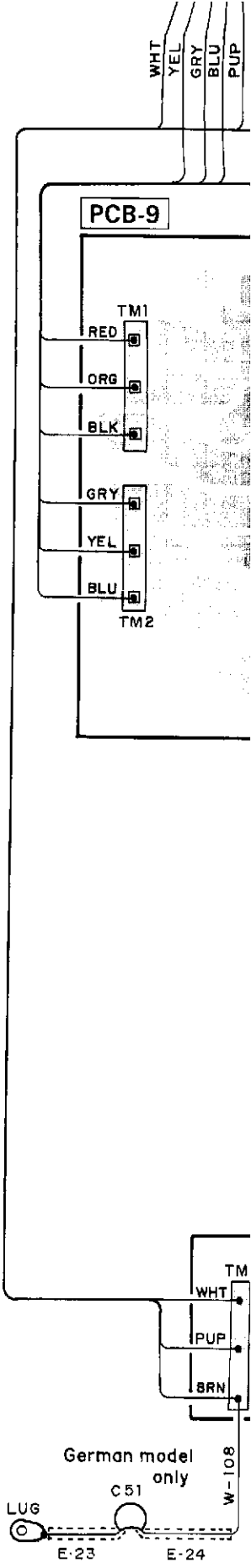

PCB-8
TM17
W-404 (BLK)
TM15
W-402 (WHT)
JL404
MARK
W-401 (RED)
W-403 (BLK)
TM16
TM18
PCB-4
CN404
MARK
CN402
MARK
CN401
CN405
RED
GRY
WHT
T1
POWER
WHT
YEL
GRY
BLU
PUP
BRN
ORG
BLK
RED
W-505
WHT
W-417
TM401
CW2
W-418
W-417
CW703
CW507
CW804
CW803
TM401
WHT
W-417
W-505 (BRN)
CW804 (BLK)
CW803 (BLK)
CW703 (BLK)
CW507 (BLK)
CW2 (BLK)
W-418
RED
TM402
CW504
PCB-9
TM1
RED
ORG
BLK
GRY
TM4
RED
BLK
WHT
GRY
MARK

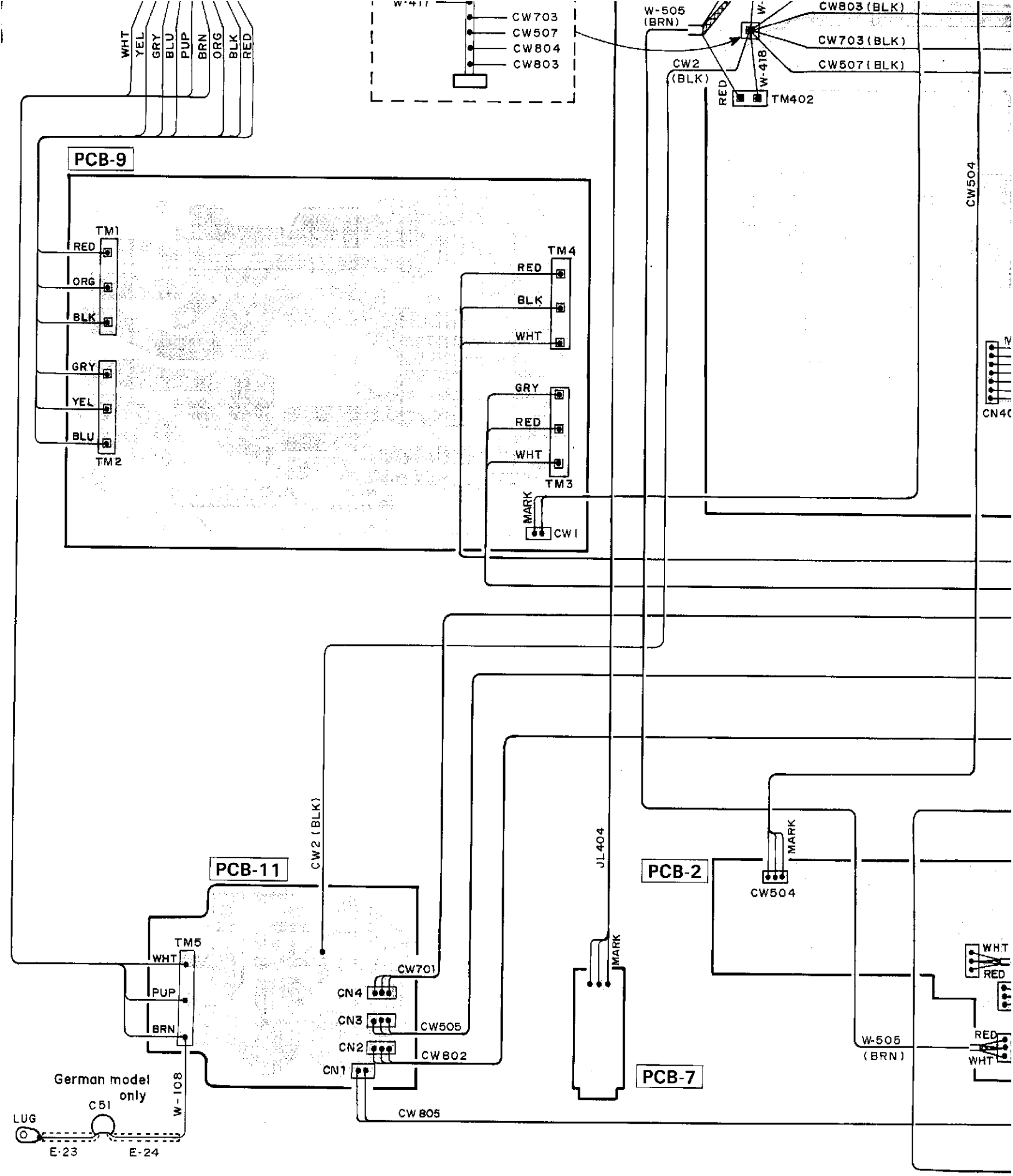

PCB-3
MARK
CW802
CW801
MARK
RED
WHT
MARK
CW503
CW-803 (BLK)
CW805
CW807
MARK
CW505
CN404
MARK
JL402
CW806
WHT
RED
W-805 (GRY)
CW804 (BLK)
CN402
MARK
JL401
MARK
CW504
CN401
CN405
W-410
PT-1
W-409
E-1
E-1
W-405 (RED)
W-406 (WHT)
TM13
W-404 (BLK)
CW403 (GRY)
W-402 (WHT)
TM11
MARK
MARK
N804 (BLK)
N803 (BLK)
703 (BLK)
507 (BLK)
PCB-5
MARK
CC401
JL401
JL402
PCB-15
E-5
MARK
CW504
PCB-16
E-5
MARK
MARK
CC402
JL403
MARK
W-403 (BLK)
TM14
MARK
TM12
W-401 (RED)

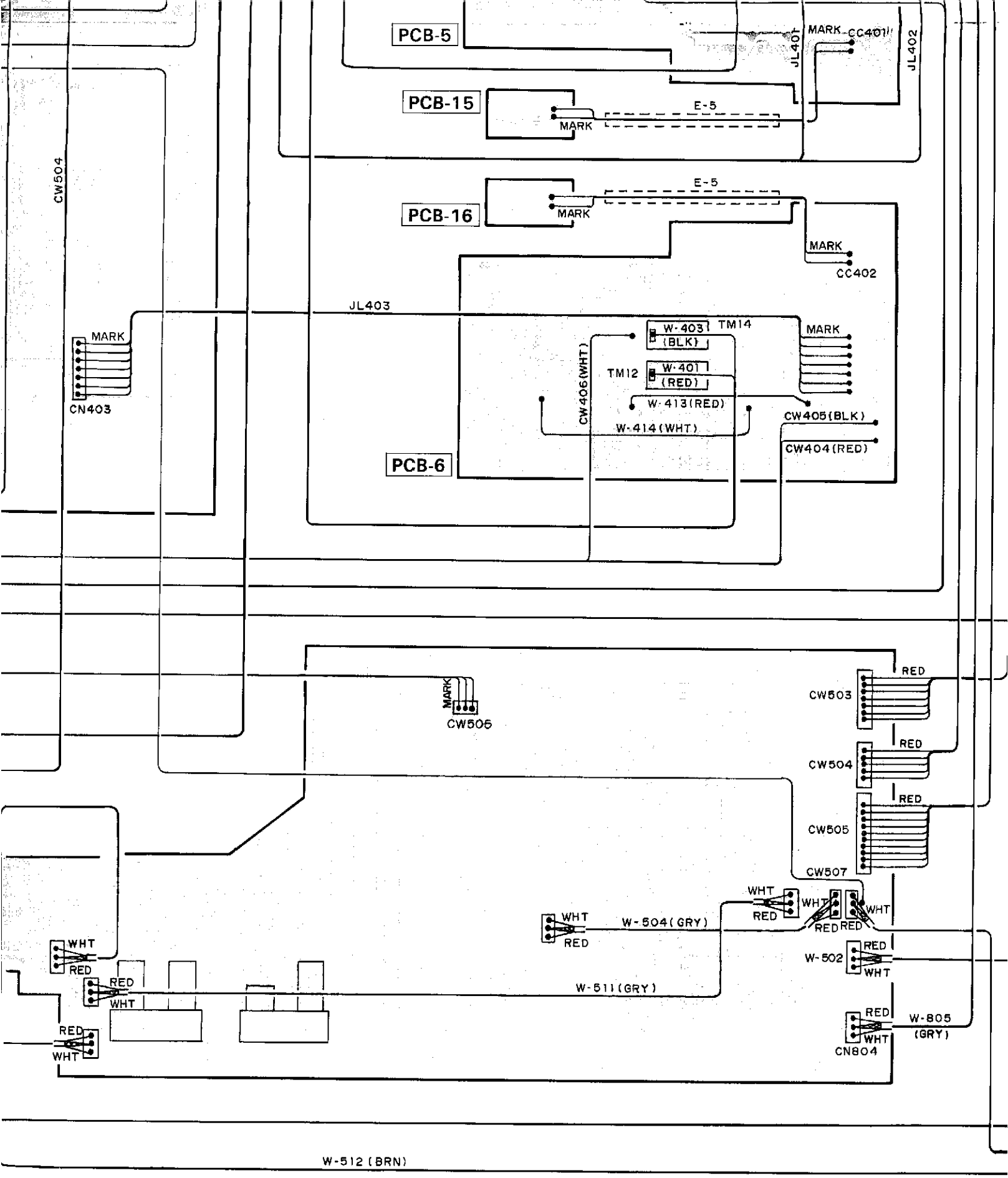
	M	N	O	P	Q	

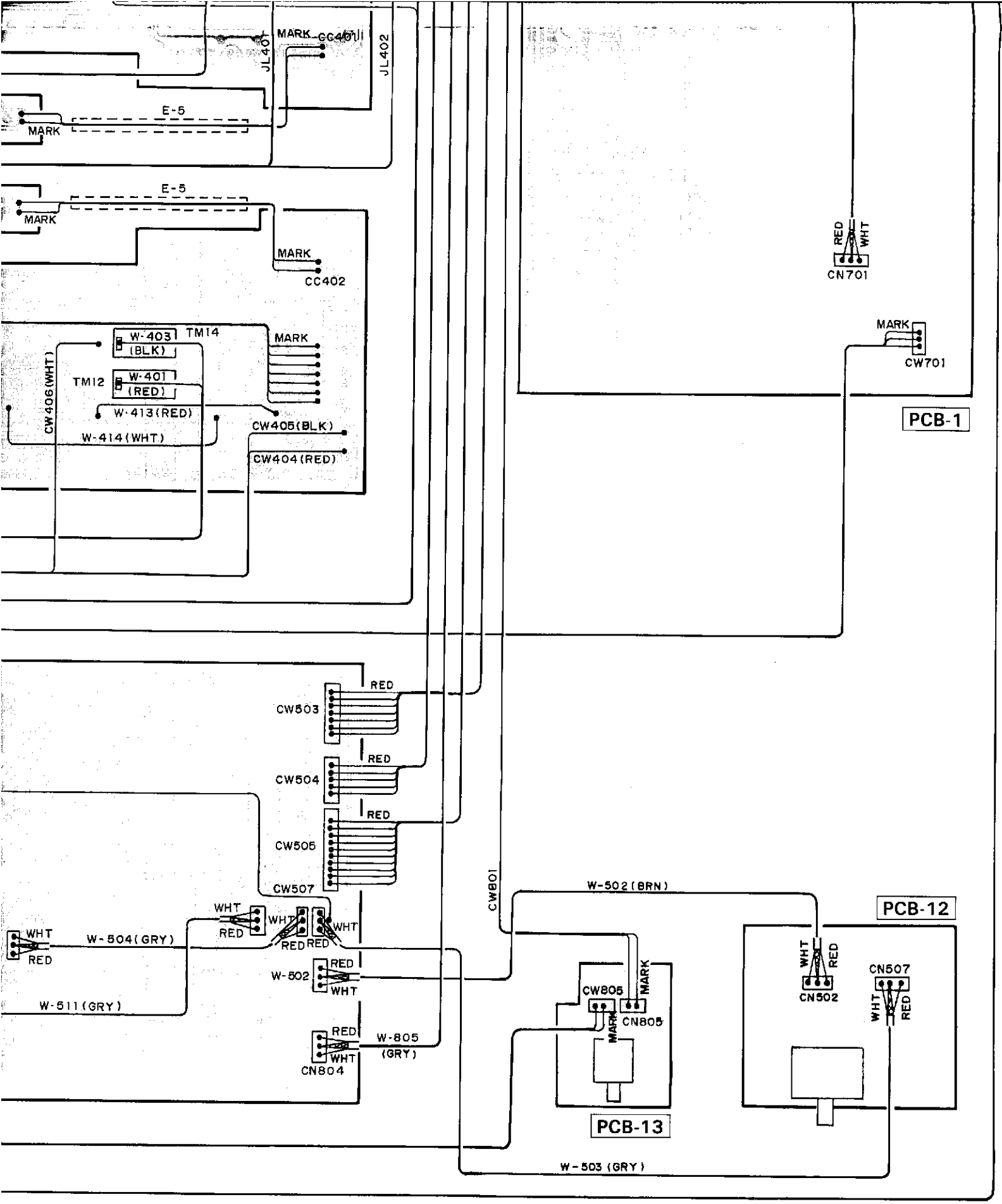

PCB-14
MARK
CW802
CW801
MARK
RED
WHT
W-806(GRY)
CN501
RED
WHT
MARK
CW503
CW-803
(BLK)
CW805
CW505
CW806
MARK
CW804(BLK)
WHT
RED
W-805
(GRY)
CW504
German model
only
LUG
W-107
(BLK)
CW702
(BLK)
CW703
(BLK)
W-410
PT-1
W-409
W-405(RED)
W-406(WHT)
E-1
E-1
CW402
(WHT)
CW401
(RED)
TM13
W-404
(BLK)
W-402
(WHT)
TM11
CW403(GRY)
MARK
MARK
MARK
CC401
JL401
JL402
E-5
MARK
E-5
MARK
MARK
CC402
W-403
TM14
(BLK)
MARK
TM12
W-401
(RED)
CW406(WHT)
RED
WHT
CN701
MARK
CW701


International model
Switzerland model
P1
LUG
E-4
GRN / YEL
BLU
BRN
SW1
SPEAKER
OPERATING
MODE
W-106(RED)
W-105(BRN)
RED
ORG
GRY
BRN
YEL
WHT
SW101
VOTAGE
SELECTOR
E-22
COI
F1
FUSE
PCB-9
TM2
TM1
W-101 (RED)
W-102 (BRN)
TM9 TM10
POWER
T1
POWER
PCB-10
PCB-11
TM5
WHT
PUP
BRN
BLK
BLU


WHT
YEL
GRY
BLU
PUP
PCB-9
TM1
RED
ORG
BLK
GRY
YEL
BLU
TM2
TM
WHT
PUP
BRN
German model only
C51
LUG
E-23
E-24
W-108


WHT
YEL
GRY
BLU
PUP
BRN
ORG
BLK
RED
CW703
CW507
CW804
CW803
W-505
(BRN)
CW803 (BLK)
CW703 (BLK)
CW507 (BLK)
CW2
(BLK)
W-418
TM402
CW504
PCB-9
TM1
RED
ORG
BLK
GRY
YEL
BLU
TM2
TM4
RED
BLK
WHT
GRY
RED
WHT
TM3
MARK
CW1
CN40
PCB-11
CW2 (BLK)
JL404
PCB-2
MARK
CW504
TM5
WHT
PUP
BRN
CW701
CN4
CN3
CW505
CN2
CW802
CN1
CW805
JL404
MARK
PCB-7
WHT
RED
RED
WHT
W-505
(BRN)
German model
only
C51
W-108
LUG
E-23
E-24


PCB-5
MARK
CC401
JL401
JL402
PCB-15
E-5
MARK
CW504
PCB-16
E-5
MARK
MARK
CC402
JL403
MARK
CN403
W-403 (BLK)
TM14
TM12
W-401 (RED)
W-413(RED)
W-414(WHT)
CW406(WHT)
MARK
CW405(BLK)
CW404(RED)
PCB-6
MARK
CW505
RED
CW503
RED
CW504
RED
CW505
CW507
WHT
RED
WHT
RED
WHT
RED
WHT
W-504(GRY)
RED
W-502
WHT
WHT
RED
W-511(GRY)
RED
WHT
RED
WHT
RED
WHT
W-805
(GRY)
CN804
W-512 (BRN)


JL401
MARK
CC401
JL402
E-5
MARK
E-5
MARK
MARK
CC402
W-403
(BLK)
TM14
TM12
W-401
(RED)
CW406(WHT)
W-413(RED)
W-414(WHT)
MARK
CW405(BLK)
CW404(RED)
RED
WHT
CN701
MARK
CW701
PCB-1
RED
CW503
RED
CW504
RED
CW505
CW507
CW801
W-502(BRN)
PCB-12
WHT
RED
WHT
RED
WHT
RED
RED
WHT
W-504(GRY)
RED
W-502
RED
WHT
W-511(GRY)
CW805
MARK
MARK
CN805
WHT
RED
CN502
CN507
WHT
RED
RED
WHT
CN804
W-805
(GRY)
PCB-13
W-503(GRY)